Biological Data from an Experimental Fishery at Resolution Bay, Great Slave Lake, Northwest Territories. June – August 1996

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BIOLOGICAL DATA FROM AN EXPERIMENTAL FISHERY AT RESOLUTION BAY, GREAT SLAVE LAKE, NORTHWEST TERRITORIES, JUNE - AUGUST 1996

by

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PREFACE

This report was prepared under contract for the Department of Fisheries and Oceans, Central and Arctic Region, 501 University Crescent, Winnipeg, Manitoba, R3T 2N6. The Scientific Authority for this contract was A. C. Day of the Resource Management Section.

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ABSTRACT

Stewart, D.B., G. Low, N. Dewsbury, C.J. Read and A.C. Day. 1999. Biological data from an experimental fishery at Resolution Bay, Great Slave lake, Northwest Territories, June - August 1996. Can. Data Rep. Fish. Aquat. Sci. 1049: vi + 91 p.

Resolution Bay of Great Slave Lake, NT, is an important fishing ground for the Fort Resolution Aboriginal food fishery. Participants in this fishery have expressed concern about the population status of the fish stocks they harvest, the individual health of these fish, and the possible effects of contaminants on the fish and those who eat them. The purpose of this study was to collect data on the present status of fish stocks in Resolution Bay for comparison with future stock assessment studies. Between 25 June and 23 August 1996. 1910 fishes were collected using mixed-mesh gillnets from 19 sites in the vicinity of the bay. Species captured were: burbot (Lota lota), cisco (Coregonus sp.), goldeye (Hiodon alosoides), inconnu (Stenodus leucichthys), lake whitefish (Coregonus clupeaformis), longnose sucker (Catostomus catostomus), northern pike (Esox lucius), and walleve (Stizostedion vitreum). This report presents data on the number and weight of fish caught per unit of sampling effort; on the age, length, weight, and sex of the fish; and on the symptoms and diagnoses of diseased fish. Fish were also captured for toxicological studies by other researchers.

Key words: fishery management; population parameters; fish growth; CPUE; Slave River.

RÉSUMÉ

Stewart, D.B., G. Low, N. Dewsbury, C.J. Read and A.C. Day. 1999. Biological data from an experimental fishery at Resolution Bay, Great Slave lake, Northwest Territories, June - August 1996. Can. Data Rep. Fish. Aquat. Sci. 1049: vi + 91 p.

La baie Resolution dans le Grand lac des Esclaves (T.N.-O.) est un important lieu de pêche de subsistance pour les Autochtones de Fort Resolution. Les participants à cette pêche s'inquiètent de la situation démographique des stocks qu'ils exploitent, de la santé de ces poissons et des effets potentiels des contaminants sur le

poisson et ceux qui le consomment. La présente étude vise à recueillir des données sur l'état actuel des stocks de poisson dans la baie Resolution aux fins de comparaison avec les études d'évaluation futures des stocks. Du 25 juin au 23 août 1996. on a capturé 1 910 poissons au moyen de filets maillants de maillage varié dans 19 sites au voisinage de la baie. Les espèces prélevées étaient les suivantes : la lotte (Lota lota) , le cisco (Coregonus sp.), la laquaiche aux veux d'or (Hiodon alosoides), l'inconnu (Stenodus leucichthys), le grand corégone (Coregonus clupeaformis), le meunier rouge (Catastomus catastomus), le grand brochet (Esox lucius) et (Stizostedion vitreum). Le présent rapport contient des données sur le nombre et le poids de poissons capturés par unité d'effort d'échantillonnage : l'âge, la longueur, le poids et le sexe des poissons, ainsi que les symptômes et les diagnostics chez les poissons malades. Les poissons ont aussi été prélevés aux fins d'études toxicologiques effectuées par d'autres scientifiques.

Mots-clés : gestion de la pêche ; paramètres de population ; croissance du poisson, PUE ; rivières des Esclaves.

INTRODUCTION

Resolution Bay of Great Slave Lake, NT, is an important fishing ground for the Fort Resolution Aboriginal food fishery. Recent harvest surveys indicate that up to 24,000 kg of fish are harvested annually from this area (Appendix 1). Portions of the bay are closed to commercial fishing to protect the Aboriginal food fishery (Fig. 1), but migratory fish stocks are shared with the Great Slave Lake commercial fishery. Other important harvesting areas for the community are the Little Buffalo (Appendix 2), Slave, and Taltson rivers.

The Deninu Ku'e First Nation and the Fort Resolution Metis Local #53 each have a member on the Great Slave Lake Advisory Committee (GSLAC), which advises the Department of Fisheries and Oceans (DFO) on the management of Great Slave Lake. Residents of Fort Resolution have expressed concern to the Environmental Committee of the First Nation and to GSLAC about the population status of the fish stocks they harvest, the individual health of these fish, and the possible effects of contaminants on the fish and those who eat them.

The effect of the Great Slave Lake commercial fishery on the Aboriginal food fishery is of particular concern to community residents. In 1996, on the recommendation of the Great Slave Lake Advisory Committee, the domestic fishing boundary was moved westward to expand the domestic fishing area and prevent commercial fishing near the mouth of the Little Buffalo River (Fig. 1). This measure will remain in effect until outstanding Dene and Metis land claims in the area are settled, after which time it may be reviewed by the Great Slave Lake Advisory Committee. Inshore zones along the south shore of Great Slave Lake and near the Slave River Delta have also been closed to commercial fishing in the spring to protect inconnu from the threatened Buffalo River stock which migrates along the south shore and concentrate at the river mouth in the spring.

In 1996, DFO contracted the Deninu Ku'e First Nation to collect data for a study to assess the fish stocks of Resolution Bay. This study was to provide information useful for the management of Great Slave Lake fisheries, and to train Aboriginal people for future involvement in fisheries studies and in the stewardship of the resource.

The purpose of this study was to collect data on the present status of fish stocks in Resolution Bay for comparison with future studies.

These data will be especially useful for measuring any changes in species composition and abundance that may occur in the future.

Concerns over the effects of pollutants that may be carried down the Slave River from industrial developments upstream, and over fish health, have also been expressed by the Deninu Ku'e First Nation. Fish were collected during this work for other researchers who are conducting toxicological studies to address concerns over pollution (Evans et al. 1998). Fish that showed symptoms of disease were also collected. They were sent to the Freshwater Institute for examination and the diagnoses are reported.

This report presents data collected during the study in tabular form to serve as baseline data for future stock assessment studies in the area.

MATERIALS AND METHOD

Nineteen sites were sampled between 25 June and 23 August, 1996, at Great Slave Lake in the vicinity of Fort Resolution, NT (Fig. 2; Appendix 3). A Fisheries Technician contracted by DFO and three workers provided by the Deninu Ku'e First Nation conducted the field sampling program.

Fish were caught using gangs of bottom type gillnets. Each gang consisted of three panels of gillnet, each of a different mesh size (89, 114, or 133 mm stretched measure) and 91 m (100 yards) in length and 3.66 m (12 ft) in depth. The nets were constructed of 210-3 woven white nylon with a float line at the top, a lead line at the bottom, and a bridle at each end. Most gangs were set overnight and pulled the next day. Set sites were chosen on the basis of the traditional knowledge of the local crew and subsistence fishermen.

The location and period of each set was recorded. Set location was determined using a Global Positioning System (Sony Model IPS-360). At the time of each set, observations were made on the wind speed and direction, air temperature, cloud cover, water temperature, water depth, and bottom substrate. Captured fish were separated on the basis of mesh size.

Fish were identified to species, weighed (round weight \pm 10 g; Superior Weighing Systems Ltd. Accu-weigh model DSY-1100), and measured (fork length \pm 5 mm). Gonads were examined to

determine the sex. Pelvic or pectoral fins or sagittal otoliths were removed from the first 50 fish of each species captured each day and preserved in scale envelopes for age determination in the laboratory. A subsample of fishes were also bagged and preserved frozen for laboratory analyses of contaminants and disease identification by other researchers.

Catch per unit effort

The catch per unit of sampling effort (CPUE) was determined for each species at each sampling location. The mean, standard deviation and range of the CPUE are reported by species and for all species combined for a gang of gillnets and for each gillnet mesh in terms of both the number and round weight (kg) of fish taken per 100 m of gillnet set for a 24 h period.

Condition

The condition factor (K), a relative measure of the plumpness or robustness of the fish, was determined using the following formula:

K = (round weight in g · 105) · fork length in mm⁻³

Age determination

Ages were determined by examinations of pelvic fins (cisco, inconnu, lake whitefish, northern pike), pectoral fins (goldeye) or sagittal otoliths (burbot).

Ages were determined from fin cross sections following the technique used by Chilton and Beamish (1982). One fin from each fish was embedded in epoxy and then sectioned across its longitudinal axis near the base, using a Buehler Isomet low speed saw. The sections were mounted on microscope slides, examined at 10X power with transmitted light, and interpreted using the criteria described by Chilton and Beamish (1982).

Burbot ages were determined from sagittal otolith cross sections using the break and burn method. One otolith from each fish was broken through the nucleus and the exposed surfaces were heated over a hot plate until they turned light brown. The burned surfaces were then coated with glycerine and examined under a binocular dissecting microscope using reflected light. Annual growth rings were interpreted using the criteria described by Nordeng (1961).

Contaminants analyses

The frozen burbot, inconnu, northern pike, and walleye were analysed in the laboratory for arsenic, cadmium, copper, mercury, zinc, and organochlorines. The results of these analyses will be reported by Evans et al. (1998).

Fish health

Fish exhibiting symptoms of disease were frozen and sent for diagnosis to the Fish Health Section at the DFO laboratory in Winnipeg.

RESULTS

Species captured during the sampling program included: burbot (Lota lota), cisco (Coregonus sp.), goldeye (Hiodon alosoides), inconnu (Stenodus leucichthys), lake whitefish (Coregonus clupeaformis), longnose sucker (Catostomus catostomus), northern pike (Esox lucius), and walleye (Stizostedion vitreum). Biological data from the individual fish sampled are archived in Appendix 4.

A series of histograms illustrate the fishes' length-frequency (Figures 3 to 6) and age-frequency (Figures 7 to 10) distributions. In each case the data from individual sites are combined to provide an overview of the sampling area as a whole. Histograms were not constructed for cisco, goldeye or inconnu, each of which had a combined sample size of less than 40 fish.

The period and duration of each gillnet set, and the number and weight of each species caught in each set, are summarized by sample site and mesh size in Table 1. The number and weight of fish caught per unit of sampling effort are summarized by sampling site and gillnet mesh size for each species in Tables 2 and 3.

Length and age composition data for each species are presented by sex for all meshes combined and for each gillnet mesh size in Tables 4 through 41. In each case the data from individual sites are combined to provide an overview of the sampling area as a whole.

The symptoms and diagnoses of diseased fish taken during the study are provided in Table 42.

Three workers from Fort Resolution were trained in DFO sampling techniques during this phase of the project.

ACKNOWLEDGMENTS

Field work was ably conducted by Philip Beaulieu, Kevin Boucher and Chinta UnKa of Fort Resolution. We acknowledge their hard work and contribution to local fishing knowledge which made this project a success. Fred Taptuna of DFO Hay River, NT, provided field training and logistical support.

Fish ages were determined from fin rays by Carol Read, using fins mounted and sectioned by Laura Heuring, and from otoliths by Gary Carder. Dale McGowan and Carol Read of DFO Winnipeg, and Cécile Stewart of Arctic Biological Consultants undertook careful reviews of the manuscript at various stages. Your participation has greatly strengthened this project and we thank you.

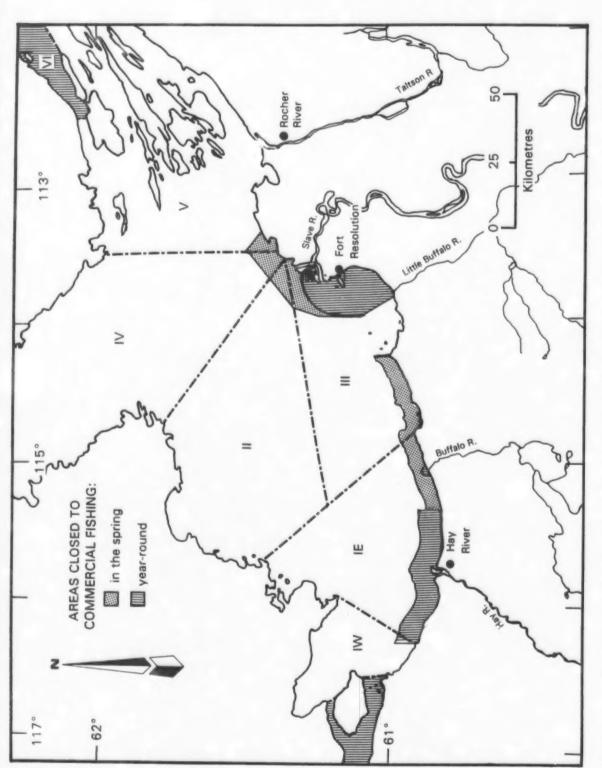
Funding for this research was provided by DFO through the Aboriginal Fishery Strategy and by the Deninu Ku'e First Nation, who administered the study contract.

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Map of southwestern Great Slave Lake, NT, showing the administrative areas (IE to VI) and areas closed to commercial fishing. Figure 1.

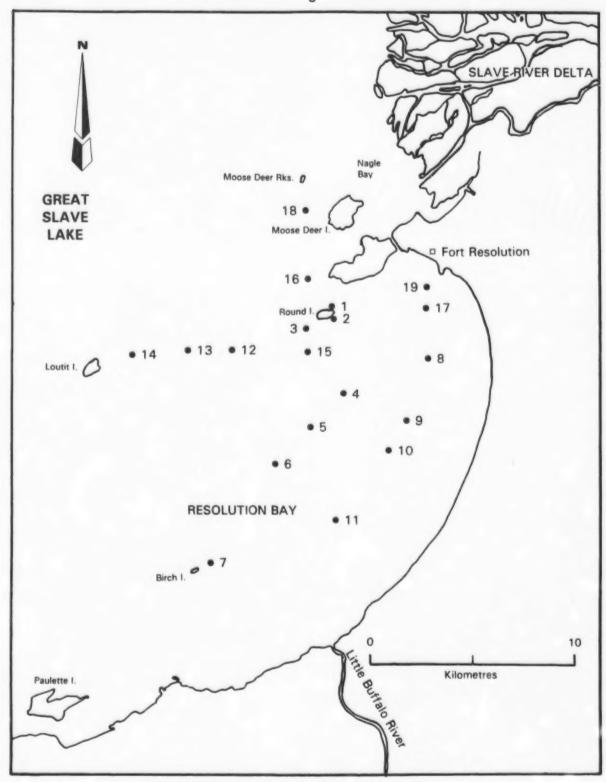


Figure 2. Locations of sampling sites in Resolution Bay, Great Slave Lake, NT.

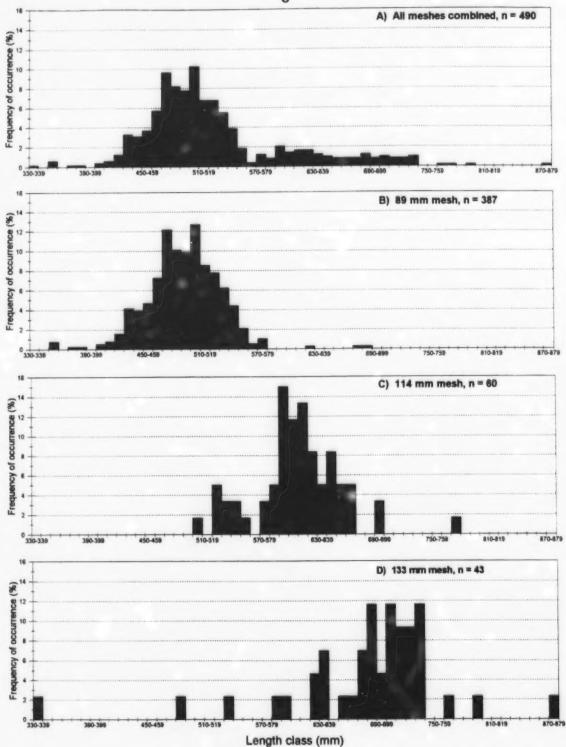


Figure 3. Length-frequency distributions of burbot caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.



400-409

430-439

520-529

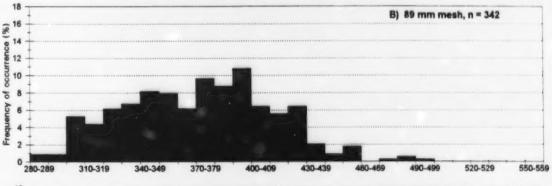
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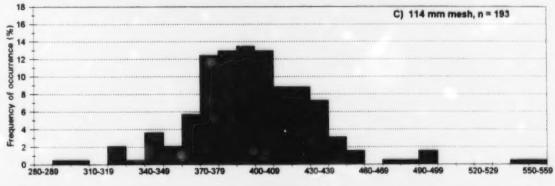
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340-349

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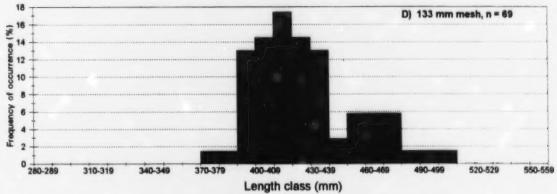


Figure 4. Length-frequency distributions of lake whitefish caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

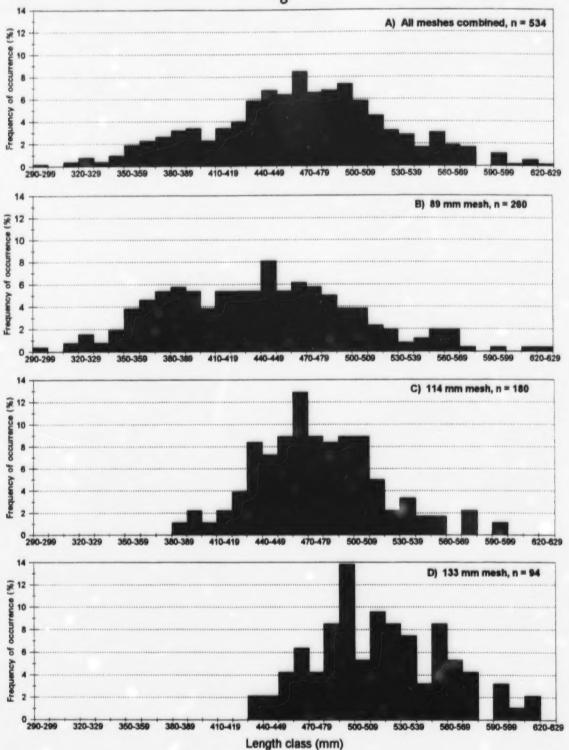


Figure 5. Length-frequency distributions of longnose sucker caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

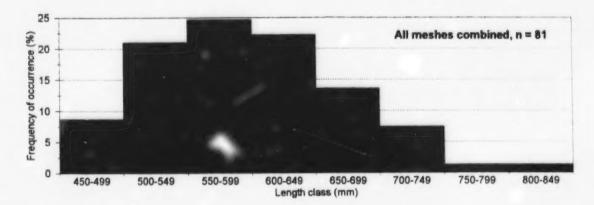


Figure 6. Length-frequency distribution of northern pike caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

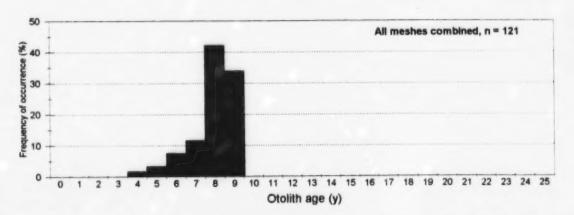


Figure 7. Age-frequency distribution of burbot caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

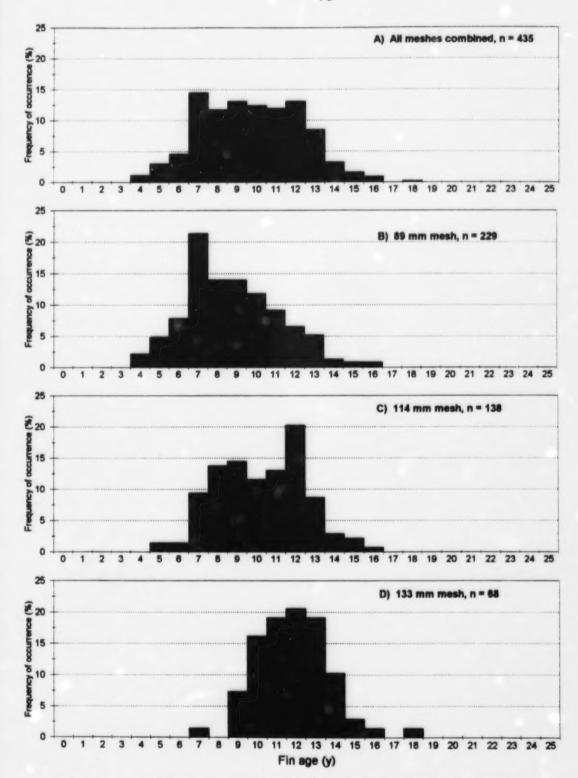


Figure 8. Age-frequency distributions of lake whitefish caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

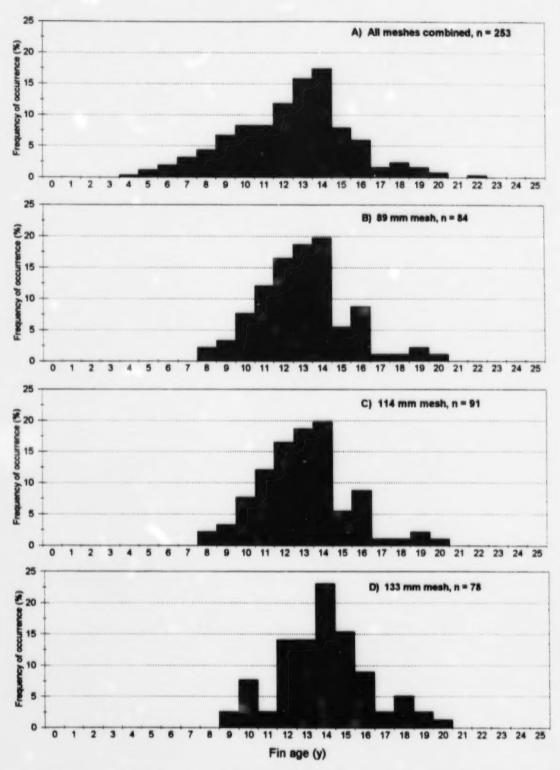


Figure 9. Age-frequency distributions of longnose sucker caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

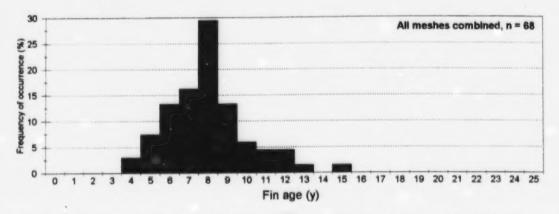


Figure 10. Age-frequency distribution of northern pike caught by gillnets at Resolution Bay, Great Slave Lake, NT, in the summer of 1996.

Table 1. Summary by sample site, mesh size and species of gillnet set data from Resolution Bay, Great Slave Lake, NT, June - August 1996.

MESH SIZE		AND DURATIO	N OF					FISH CAUGH veight in g)	IT		
SIZE	Set date (time)	Pull date (time)	Hours fished*	burbot	cisco	goldeye	inconnu	lake whitefish	longnose sucker	northern pike	walleye
					SITI	11					
89 mm	25 June (1030 h)	26 June (0810 h)	21.67 (21:40)	71 (51855)				10 (7064)	3 [2573]	24 [30991]	1 (609)
	26 June (1015 h)	27 June (1010 h)	23.92 (23:55)	44 [36300]				5 (2910)		15 [18580]	
	27 June (0812 h)	28 June (0813 h)	24.02 (24:01)	30 [23320]				10 [6840]	37 (34280)	6 (9180)	
114 mm	24 June (1615 h)	25 June (1045 h)	18.5 (18:30)	6 [7682]				10 (8145)	3 [3445]	2 [4082]	
	25 June (1030 h)	26 June (0810 h)	21.67 (21:40)	17 (26300)				13 (10582)	7 (8573)	9 [22036]	
	26 June (1015 h)	27 June (1010 h)	23.92 (23:55)	8 [12240]				3 [2620]	7 (9210)	3 (6790)	1 (1050)
133 mm	25 June (1030 h)	26 June (0810 h)	21.67 (21:40)	6 (12155)	1 (155)			2 [1973]	3 (5545)		
	26 June (1015 h)	27 June (1010 h)	23.92 (23:55)	6 [13890]				1 (950)	1 (1650)		
	27 June (0812 h)	28 June (0813 h)	24.02 (24:01)	10 [19550]			1 [1280]	2 (2350)	B [12080]	[2110]	
	тот	ALS		198 (203292)	1 (155)	0	1 [1280]	56 (43434)	69 (77336)	60 (937 6 9)	(1859)
					SITI	2					_
89 mm	3 July (0900 h)	4 July (0825 h)	24.50 (24:30)	28 (20100)				20 (13880)	15 [14680]		
133 mm	3 July (0900 h)	4 July (0930 h)	24.50 (24:30)	3 (8580)				3 (2750)		1 [3280]	
	тот	ALS		31 [26660]	0	0	0	23 (16630)	15 [14680]	[3280]	0
					SITI	13					
89 mm	4 July (0830 h)	5 July (0825 h)	23.92 (23:55)	27 [19190]	2 [110]		1 (770)	19 (18030)	16 (16400)		
114 mm	4 July (0830 h)	5 July (0825 h)	23.92 (23:55)	4 (6060)				25 [20670]	15 [18340]	1 (2270)	
133 mm	4 July (0830 h)	5 July (0825 h)	23.92 (23:55)	5 (11090)				9 (12930)	B [14110]		
	тот	ALS		36 (36340)	[110] -	0	1 (770)	53 (51630)	39 (48850)	1 (2270)	0
					SIT	E 4					
89 mm	8 July (0900 h)	9 July (0825 h)	23.42 (23:25)	4 (4100)	1 (100)			9 (6290)	18 (26320)		
114 mm	B July (0900 h)	9 July (0825 h)	23.42 (23:25)					5 (4560)	12 [17990]		
133 mm	8 July (0900 h)	9 July (0825 h)	23.42 (23:25)					1 (1160)	5 (8300)		
	тот	ALS		4 [4100]	1 (100)	0	0	15 [12010]	35 (52610)	0	0

Table 1. Continued.

MESH		AND DURATE	ON OF					FISH CAUGH veight in g)	IT		
SIZE	Set date (time)	Pull date (time)	Hours fished	burbot	cisco	goldeye	inconnu	lake whitefish	longnose sucker	northern pike	walleye
					SIT	E 6					
114 mm	9 July (0825 h)	10 July (0826 h)	24.02 (24:01)					5 (4860)	5 [7510]		
133 mm	9 July (0825 h)	10 July (0826 h)	24.02 (24:01)					1 (970)	3 [6440]		
	тот	ALS		0	0	0	0	6 (5830)	8 (13950)	0	0
					SITI	E 6					
89 mm	10 July (0754 h)	11 July (1600 h)	32.10 (32:06)	9 (7180)	2 (270)			17 [15670]	20 (26280)		
114 mm	10 July (0754 h)	11 July (1600 h)	32.10 (32:06)					7 (10140)	2 [4070]		
133 mm	10 July (0754 h)	11 July (1600 h)	32.10 (32:06)					2 (2320)	5 [10870]		
	тот	ALS		9 (7180)	2 (270)	0	0	26 [28130]	27 (41220)	0	0
					SITI	17					
89 mm	11 July (1425 h)	12 July (1400 h)	23.42 (23:25)	12 (8270)	5 (1050)			63 [51120]	51 (56370)		
114 mm	11 July (1425 h)	12 July (1400 h)	23.42 (23:25)	2 (3020)				43 (41940)	49 (68980)		
133 mm	11 July (1425 h)	14 July (1730 h)	75.08 (75:05)	2° [-]				7 ³ (2150)	34 ⁴ [20140]		
	тот	ALS		16 (11290)	5 (1050)	0	. 0	113 (95210)	134 [145490]	0	0
					sm	E 8					
89 mm	15 July (1000 h)	16 July (0930 h)	23.50 (23:30)	15 (10930)	2 (650)			18 (12380)	16' [14460]	1 (1530)	
114 mm	15 July (1000 h)	16 July (0930 h)	23.50 (23:30)	2 [2870]				14 (13710)	12 (17160)	1 [1520]	
133 mm	15 July (1000 h)	16 July (0930 h)	23.50 (23:30)	1 (2150)	1 (90)			11 (14180)	8 [14090]		
	тот	ALS		18 (15950)	3 [740]	0	0	43 [40270]	36 (45710)	2 (3060)	0
					SITI	0					
89 mm	16 July (0755 h)	17 July (0930 h)	25.58 (25:35)	16 (12340)				28 (21530)	25¹ (28440)		
114 mm	16 July (0755 h)	17 July (0930 h)	25.58 (25:35)	3 (4270)				10 (9370)	22 (29250)		
133 mm	16 July (0755 h)	17 July (0930 h)	25.58 (25:35)					3 (3070)	8 (14670)		
	тот	ALS		19 (16610)	0	0	0	41 (33970)	55 [72360]	0	0

Table 1. Continued.

MESH		AND DURATION	N OF					FISH CAUGH reight in gl	Т		
SIZE	Set date (time)	Pull date (time)	Hours fished	burbot	olaco	goldeye	inconnu	lake whitefish	longnose sucker	northern pike	wallaye
					SITE	10					
89 mm	17 July (0747 h)	18 July (0945 h)	25.97 (25:58)	9 (6720)				10 [8470]	8 [6170]		
114 mm	17 July (0747 h)	18 July (0945 h)	25.97 (25:58)	4 (5550)				3 (2860)	6 [8320]		
133 mm	17 July (0747 h)	18 July (0945 h)	25.97 (25:58)	1 (5020)				2 [2170]	3 (4820)		
	тот	ALS		14 [17290]	0	0	0	15 (13500)	17 [19310]	0	0
					SITE	11					
89 mm	18 July (0815 h)	19 July (0800 h)	23.75 (23:45)	29 [22900]				3 [1820]	1 [2060]		
114 mm	18 July (0815 h)	19 July (0800 h)	23.75 (23:45)	2 [2630]				[1410]	3 (4530)		
133 mm	18 July (0815 h)	19 July (0800 h)	23.75 (23:45)	1 [2150]				1 [1020]			
	тот	ALS		32 [27680]	0	0	0	6 [4250]	4 (6500)	0	0
					SITE	12					
89 mm	6 August (1100 h)	7 August (0820 h)	21.33 (21:20)	7 [5360]	1 (80)			13 [9400]	5 (6630)		
114 mm	6 August (1100 h)	7 August (0820 h)	21.33 (21:20)					5 [5270]	5 [7830]		
133 mm	6 August (1100 h)	7 August (0820 h)	21.33 (21:20)	2 (4490)				3 (3890)	7 [13240]		
	тот	TALS		9 (9850)	1 [80]	0	0	21 [18560]	17 [27700]	0	0
					SIT	E 13					
89 mm	7 August (0755 h)	8 August (1130 h)	27.58 (27:35)	13 (8940)	3 [1720]			17 [11340]	7 [8250]		
114 mm	7 August (0755 h)	8 August (1130 h)	27.58 (27:35)	3 [4950]	2 (930)			8 (6450)	2 [4400]		
133 mm	7 August (0755 h)	8 August (1130 h)	27.58 (27:35)	1 [2050]	1 [70]			4 (4830)	6 [12300]		
	то	TALS		17 [15940]	6 (2720)	0	0	29 [22620]	15 [24950]	0	0
					SIT	E 14	,			,	
89 mm	8 August (1000 h)	9 August (0805 h)	22.08 (22:05)	30 [21860]	4 [1650]			27 [19220]	6 [9630]		
114 mm	8 August (1000 h)	9 August (0805 h)	22.08 (22:05)	3 (5390)	3 (2500)			23 (21310)	11 (16285)		
133 mm	8 August (1000 h)	9 August (0805 h)	22.08 (22:05)	1 [1220]				11 [14870]	6 [9460]		
	то	TALS		34 [28470]	7 (4150)	0	0	61 (55400)	23 [35375]	0	0

Table 1. Continued.

MESH		AND DURATIO	N OF					FISH CAUGH reight in gl	Т		
SIZE	Set date (time)	Pull date (time)	Hours fished	burbot	cisco	goldeye	inconnu	lake whitefish	longnose sucker	northern pike	walleye
					SITE	16					
89 mm	12 August (0910 h)	14 August (1015 h)	49.08 (49:05)	13 (9795)	1 (60)			23 [19800]	21 [24510]		
114 mm	12 August (0910 h)	14 August (1015 h)	49.08 (49:05)	1 (880)	1 (160)			8 (8580)	13 [17740]		
133 mm	12 August (0910 h)	14 August (1015 h)	49.08 (49:05)	3 (8400)	2 [180]			8 {12780}	8 [15850]		
	тот	ALS		17 (19075)	4 (400)	0	0	39 [39160]	42 [58100]	0	0
					SITE	16					
89 mm	14 August (0935 h)	15 August (1330 h)	27.92 (27:55)	22 [16050]				20 [13620]	5 (4650)	2 [2790]	4 [2750]
114 mm	14 August (0935 h)	15 August (1330 h)	27.92 (27:55)	3 [4750]				8 (8100)	5 (6430)	2 [4680]	
133 mm	14 August (0935 h)	15 August (1330 h)	27.92 (27:55)	2 [4440]				3 (3470)	2 (2650)	(3510)	
	тот	ALS		27 (25240)	0	0	0	31 [25190]	12 (13730)	5 [10980]	4 [2750
					SITE	17					
89 mm	15 August (1230 h)	16 August (0845 h)	20.25 (20:15)	7 ¹ (4420)	2 (250)			12 (9570)	6 [4130]	6 (8610)	1 (500)
114 mm	15 August (1230 h)	16 August (0845 h)	20.25 (20:15)	2 [2430]				2 [2080]	2 (3220)	2 (3840)	
133 mm	15 August (1230 h)	16 August (0845 h)	20.25 (20:15)	1 [2500]				-	1 (1410)	1 [1750]	
	тот	ALS		10 (9350)	2 (250)	0	0 -	14 [11650]	9 [8760]	9 [14200]	1 (500)
					SITE	18	,				,
89 mm	19 August (1165 h)	22 August (0915 h)	70.33 (70:20)	374				13	5	3	
114 mm	19 August (1155 h)	22 August (0915 h)	70.33 (70:20)	7				7	8	2	
133 mm	19 August (1155 h)	22 August (0915 h)	70.33 (70:20)	6				3	2	2	
	тот	ALS		49	0	0	0	23	15	7	0
					SITE	19					
89 mm	22 August (1200 h)	23 August (0820 h)	20.33 (20:20)	3 (2460)	2 (1150)	4 [1180]	6 [31470]	20 [14260]	2 [1940]	4 (6455)	7 (5450
133 mm	22 August (1 200 h)	23 August (0820 h)	20.33 (20:20)	[2370]		(410)	3 [13250]	[1970]			
	TOT	ALS		4 [4830]	2 [1150]	5 [1590]	9 [44720]	22 [16230]	2 [1940]	4 (6455)	7 [5456

Table 1. Continued.

MESH	7 30 10 10 10	AND DURATION	ON OF					FISH CAUGH veight in g	τ		
SIZE	Set date (time)	Pull date (time)	Hours fished*	burbot	cisco	goidaya	inconnu	lake whitefish	longnose sucker	northern pike	walleye
				HARVI	EST TOTALS	BY MESH S	SIZE				
8	9 mm mesh TO	TAL	554.99	426 (292090)	25 [7090]	4 (1180)	7 [32240]	357 (263214)	287 (287773)	61 [78136]	13 [9309]
11	14 mm mesh TO	ITAL	528.34	67 [89022]	6 (3590)	0	0	201 [180857]	189 (253283)	22 [45218]	1 (1050)
13	33 mm mesh TO	TAL	630.62	51 [98035]	5 (495)	1 (410)	4 [14530]	79 [89803]	118 (167605)	6 [10850]	0
				HARVEST TO	TALS FOR A	LL MESHES	COMBINED				
All m	eshes combined	TOTAL	1713.95	544 [479147]	36 [11175]	5 [1590]	[46770]	637 [533674]	574 [708661]	89 [134004]	14 (10359

^{*}Hours fished are given first in decimal form (e.g. 21.67) and then, underneath and in brackets, in hours and minutes (e.g. 21:40).
*One missing fish weight. *Two missing fish weights. *Five missing fish weights. *Twenty-two missing fish weights. *No fish weights taken.

Table 2. Summary by sampling site, species, and gillnet mesh size of the number of fish caught per unit (100 m of gillnet set for 24 h) of sampling effort (CPUE) at Resolution Bay, Great Slave Lake, NT. June - August 1996.

OUTE	SAMPLING	3 EFFORT				NU	JMBER OF FIS	H CAUGHT			
SITE	length of gillnet (m)	Hours fished (h)	burbot	cisco	goldeye	inconnu	lake whitefish	longnose sucker	northern pike	walleye	All species
1	273	69.60	25.01	0.13	0	0.13	7.07	8.72	7.58	0.25	48.88
2	182	24.50	16.69	0	0	0	12.38	8.07	0.54	0	37.68
3	273	23.92	13.23	0.74	0	0.37	19.48	14.33	0.37	0	48.51
4	273	23.42	1.50	0.38	0	0	5.63	13.14	0	0	20.65
5	182	24.02	0	0	0	0	3.29	4.39	0	0	7.69
6	273	32.10	2.46	0.55	0	0	7.12	7.39	0	0	17.53
7	182' 91	23.42 75.08	3.46	1.08	0	0	24.44	28.99	0	0	57.97
В	273	23.50	6.73	1.12	0	0	16.09	13.47	0.75	0	38.16
9	273	25.58	6.53	0	0	0	14.09	18.90	0	0	39.52
10	273	25.97	4.74	0	0	0	5.08	5.75	0	0	16.57
11	273	23.75	11.85	0	0	0	2.22	1.48	0	0	15.58
12	273	21.33	3.71	0.41	0	0	8.66	7.01	0	0	19.70
13	273	27.5B	5.42	1.91	0	0	9.24	4.78	0	0	21.36
14	273	22.0B	13.54	2.79	0	0	24.29	9.16	0	0	49.7
15	273	49.08	3.05	0.72	0	0	6.99	7.52	0	0	18.27
16	273	27.92	8.50	0	0	0	9.76	3.78	1.57	1.26	24.8
17	273	20.25	4.34	0.87	0	0	6.08	3.91	3.91	0.43	19.54
18	273	70.33	6.13	0	0	0	2.88	1.88	0.88	0	11.7
19	1821	20.33	2.59	1.30	3.24	5.84	14.27	1.30	2.59	4.54	35.6
	Mean		7.34	0.63	0.17	0.33	10.48	8.63	0.96	0.34	28.8
	Standard Devi	iation	6.22	0.76	0.74	1.34	6.75	6.83	1.92	1.06	14.9
	Range		0-16.7	0-2.8	0-3.2	0-5.8	2.2-24	1.3-29	0-7.6	0-4.5	7.7-5
			89	mm MESI	H GILLNETS	91 m in LEN	GTH, 3.66 m	in DEPTH			
	Mean		21.97	1.37	0.26	0.44	18.55	13.68	3.47	0.77	60.5
	Standard Devi	iation	19.55	1.69	1.16	1.75	14.54	14.30	7.34	2.15	33.4
	Range		3.9-86	0-5.6	0-5.2	0-7.8	3.3-71	0-57	0-29	0-9.1	22-14
			11	4 mm MES	H GILLNETS	91 m in LER	NGTH, 3.66 m	in DEPTH			-
	Mean		3.76	0.32			11.36	10.37	1.29	0.06	27.1
	Standard Devi	iation	4.80	0.91			11.83	12.22	2.59	0.25	24.3
	Range		0-21	0-3.6			2.2-48	1.6-55	0-11	0-1.1	7.4-10
			13	3 mm MES	H GILLNETS	91 m in LEI	NGTH, 3.66 m	in DEPTH			
	Mean		7.45	0.80	0.37	0.65	9.61	6.36	1.66		26.9
	Standard Devi	iation	6.01	0.80	0.86	1.53	5.99	4.56	2.00		6.9
	Range		0-11	0-1.2	0-1.3	0-3.9	0-13	0-12	0-1.3		2.2-2

¹ Mixed-mesh gang consisting of penels of 89 mm, 114 mm, and 133 mm mesh-each 91 m in length, except for sites 2 and 19 where the 114 mm mesh was not set, and site 5 where the 89 mm mesh was not set. At site 7, the 133 mm mesh net was set longer than the other meshes.

Table 3. Summary by sampling site, species, and gillnet mesh size of the round weight (kg) of fish caught per unit (100 m of gillnet set for 24 h) of sampling effort (CPUE) at Resolution Bay, Great Slave Lake, NWT, June - August 1996.

o ree	SAMPLING	B EFFORT				ROUND WE	IGHT OF FISI	H CAUGHT (k	9)		
SITE	length of gillnet (m)	Hours fished (h)	burbot	cisco	goldeye	inconnu	lake whitefish	longnose sucker	northern pike	walleya	All species
1	273	69.60	25.68	0.02	Ó	0.16	5.49	9.77	11.84	0.21	53.17
2	182	24.50	14.35	0	0	0	8.95	7.90	1.77	0	32.97
3	273	23.92	13.36	0.04	0	0.28	18.98	17.95	0.83	0	51.45
4	273	23.42	1.54	0.04	0	0	4.51	19.75	0	0	25.83
5	182	24.02	0	0	0	0	3.20	7.66	0	0	10.86
6	273	32.10	1.97	0.07	0	0	7.70	11.29	0	0	21.03
7	189 91	23.42 75.08	2.44	0.23	0	0	20.60	31.47	0	0	54.74
8	273	23.50	5.97	0.28	0	0	15.06	17.10	1.14	0	39.55
9	273	25.58	5.71	0	0	0	11.67	24.87	0	0	42.25
10	273	25.97	5.85	0	0	0	4.57	6.54	0	0	16.96
11	273	23.75	10.25	0	0	0	1.57	2.44	0	0	14.26
12	273	21.33	4.06	0.03	0	0	7.65	11.42	0	0	23.16
13	273	27.58	5.08	0.87	0	0	7.21	7.95	0	0	21.11
14	273	22.08	11.34	1.65	0	0	22.06	14.08	0	0	49.13
15	273	49.08	3.42	0.07	0	0	7.01	10.41	0	0	20.91
16	273	27.92	7.95	0	0	0	7.93	4.32	3.46	0.87	24.53
17	273	20.25	4.06	0.11	0	0	5.06	3.80	6.16	0.22	19.41
19	182	20.33	2.60	0.62	0.86	24.07	8.74	1.04	3.47	2.93	44.33
	Mean		6.98	0.22	0.05	1.36	9.33	11.65	1.59	0.23	31.43
	Standard Dev	iation	6.21	0.43	0.20	5.67	6.01	8.03	3.08	0.71	14.61
	Range		0-25.7	0-1.7	0-0.9	0-24.1	1.6-22.1	1.0-31.3	0-11.8	0-2.9	10.9-54.5
			89	mm MESH	GILLNETS 9	1 m in LENG	TH, 3.66 m is	DEPTH			
	Mean		15.82	0.41	0.08	2.15	14.70	15.25	4.99	0.58	53.9
	Standard Dev	riation	15.33	0.66	0.35	9.37	12.03	15.39	9.67	1.69	30.4
	Range		0-63.1	0-2.0	0-1.5	0-40.8	2.0-57.6	0-63.5	0-37.7	0-7.1	21.7-13
			114	4 mm MESH	GILLNETS S	91 m in LENG	3TH, 3.66 m	in DEPTH			
	Mean		6.80	0.23			10.93	15.46	2.05	0.06	36.2
	Standard Day	riation	8.38	0.72			11.06	17.37	6.47	0.27	30.2
	Range		0-32.0	0-3.0			2.7-47.2	3.3-76.6	0-26.8	0-1.2	9.5-82.
			13	3 mm MESH	GILLNETS	91 m in LEN	3TH, 3.66 m	in DEPTH			
	Mean		5.24	0.02	0.03	0.93	4.53	7.90	0.57		19.2
	Standard Dev	vietion	6.06	0.05	0.12	3.84	5.21	5.65	1.20		11.1
	Range		0-14.8	0-0.2	0-0.5	0-17.2	0-17.8	0-16.4	0-3.5		3.5-42.

¹ One missing fish weight. ² Two missing fish weights. ³ Five missing fish weights. ⁴ Twenty-two missing fish weights. ⁶ Mixed-mesh gang consisting of panels of 89 mm, 114 mm, and 133 mm mesh-each 91 m in length, except for sites 2 and 19 where the 114 mm mesh was not set, and site 5 where the 89 mm mesh was not set. At site 7, the 133 mm mesh net was set longer than the other meshes.

Biological data by length interval for burbot taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. (Note: "Total" includes fish of unknown sex).

Table 4.

(III)								-					2	TOTAL		
	_	Length(mm)	Weight(g)	t(g)	×	13	Length(mm)	Weight (g)	t(g)	×	7	Length(mm)	Weight(g)	t(g)	×	×
	-	mean	Bean	20		c	mean	Mean	8			mean	mean	So		Female
30-339	-	336	255	1	0.67	1	1	1	1	,	1	336	255	1	0.67	
50-359	4-	359	300	1	0.65		1	1		ŧ	M	358	303	23	99.0	ŧ
70-379	-	376	370	1	0.70	1	1	1	1	ı	-	376	370	1	0.70	
80-389	-	380	391	1	0.71	1	ï	1	1	1	-	380	391	1	0.71	
607-00	-	607	094	1	0.67	-	408	420	1	0.62	2	60%	077	28	0.65	20
10-419	M	413	429	88	0.61		•	1	1	1	M	413	459	88	0.61	
627-02	PF	425	533	32	69.0	2	424	545	1	0.72	9	424	533	24	0.70	07
017-01	10	437	298	28	0.72	4	435	523	52	99.0	16	435	575	87	0.70	50
677-07	00	777	610	29	0.70	- 15	297	612	61	69.0	15	577	729	8	0.71	200
657-05	100	757	869	87	0.67	4	557	199	86	0.70	18	757	799	205	0.69	2
077-05	2 0	465	23	15	3	0	297	637	2	99.0	28	797	658	87	3	77
027-02	2 %	727	6	3	0.65	16	473	716	27	29.0	27	727	669	25	99	17
087-08	×	787	723	25	99 0	0	587	929	35	0.59	97	787	719	65	0.63	36
067-06	2	767	763	3	0.63	0	167	703	8	0.59	38	969	750	7	0.62	31
20-500	22	503	200	20	0.63	10	503	762	36	09.0	20	20%	786	62	0.62	27
10-610	12	513	810	1	0.61	14	515	708	9	09.0	13	516	819	3	09 0	75
20-530	100	524	980	128	9	14	523	812	205	0.57	33	523	840	8	0.50	22
10-510	12	125	7	131	0.57	0	785	903	88	0.59	27	532	885	105	0.59	45
695-07	1	295	868	115	0.56	60	545	955	127	0.59	19	544	931	108	0.58	53
50-559	. ^	555	1025	120	09.0	15	554	1008	180	0.59	0	555	1004	136	0.59	F
695-05	1	'		•	,	-	260	950	•	0.54	2	561	1050	141	0.60	ŧ
70-579	2	578	1159	380	09.0	4	575	943	173	67.0	9	576	1015	544	0.53	29
90-589	-	587	1220		09.0	2	585	1175	35	0.59	4	584	1260	151	0.63	29
90-599	1	594	1396	173	99.0	2	592	1603	305	0.77	10	294	1458	525	0.70	30
609-00	5	709	1436	24	0.65	2	909	1280	82	0.58	1	409	1392	96	0.63	53
10-619	4	614	1543	8	29.0	2	612	1430	25	0.62	60	614	1539	128	99.0	33
30-629	9	624	1534	104	0.63	~	621	1440	25	09.0	80	623	1511	101	0.62	52
30-639	4	636	1799	51	0.70	2	637	1740	438	19.0	9	636	1780	202	69.0	33
679-05	~	645	1528	11	0.57	*	645	1533	29	0.57	5	645	1531	87	0.57	9
80-659	2	655	1835	304	0.65	-	655	1680	ľ	09.0	4	959	1925	341	0.68	33
699-05	M	999	1751	237	0.60	-	899	1560	i	0.52	4	999	1703	215	0.58	S
629-02	M	429	2115	502	69.0	-	029	2150	ľ	0.71	4	673	2124	169	0.70	52
689-08	9	686	2157	256	0.67	1	1		i	,	9	989	2157	526	0.67	1
669-0	M	969	2190	36	0.65	-	969	2120		0.63	7	695	2173	94	0.65	22
602-00	M	706	2459	138	0.70	2	200	2390	156	0.68	5	202	2432	130	69.0	97
10-719	M	715	2400	125	99.0	-	719	2850	ŧ	0.77	4	716	2513	247	0.68	22
20-729	M	222	2375	502	0.62	1	721	2250	1	0.60	4	724	2344	178	0.62	S
30-739	m	731	2546	529	0.65	-	732	2550	1	0.65	5	731	2532	165	0.65	52
692-09	-	765	2420		0.54		1		1	ı	-	292	2420	ī	0.54	ŧ
270-779	-	774	3891	ŧ	0.84			E	1		-	774	3891	1	0.84	
962-06	1	1	1	1	1	-	792	3270	1	99.0	-	792	3270	1	99.0	1
628-021	-	878	2050	ı	0.74	1	ı	ŧ	i	į	-	878	2050	E	0.74	1
TOTAL	251					152					067	****	-			
EAN		559	1031	53	0.64		256	545	100	0.00		30	100	238	0.03	200

Biological data by length interval for burbot taken by the 89 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT Table 5.

LENGTH			MALES					FEMALES	46				10	TOTAL		
(m)	Leng	ngth(m)	Weight(g)	t(g)	×	1	Length(mm)	Weight(g)	t(g)	×		Length(mm)	Weight (g)	t(g)	×	*
	-	mean	mean	SD		e	mean	Bean	SD		-	mean	mean	SD		remar
150-150	-	350	300	1	0.65	1	1	1	1	1	147	358	303	23	99.0	1
-379	-	376	370	1	0.70	1	1	1	i	,	-	376	370	1	0.70	•
380-389	- 4-	380	391	1	0.71	1	1	1	1	1	-	380	391	1	0.71	1
607-	-	607	097	•	0.67	-	807	750	1.	0.62	2	607	055	28	0.65	20
619	141	413	657	88	0.61	1		•	1	1	m	413	459	88	0.61	1
-429	M	425	533	32	69.0	2	454	545	1	0.72	9	454	533	54	0.70	97
	10	437	598	28	0.72	4	435	523	52	99.0	16	435	575	84	0.70	53
	60	777	610	29	0.70	5	295	612	61	69.0	15	577	929	8	0.71	38
	10	454	628	87	0.67	4	455	663	98	0.70	18	454	979	29	69.0	8
	10	465	199	63	99.0	6	463	637	32	99.0	28	797	658	84	99.0	27
	23	474	169	26	0.65	16	475	716	25	19.0	25	727	669	24	99.0	41
	76	484	727	55	0.64	6	485	419	35	0.59	36	484	721	28	0.63	27
	50	767	763	3	0.63	6	663	703	8	0.59	38	767	750	7	0.62	31
	56	503	299	8	0.63	10	503	762	34	0.60	64	503	786	62	0.62	28
	12	513	819	11	0.61	14	515	824	8	09.0	33	514	819	8	9.0	24
	0	525	813	85	0.57	16	523	812	20	0.57	30	523	824	29	0.57	35
	00	532	806	36	0.54	6	534	903	88	0.59	54	532	868	26	0.57	53
675-	9	545	867	85	0.54	1	244	923	96	0.57	17	244	206	84	0.56	24
-550	~	555	1025	120	09.0	4	554	935	88	0.55	60	555	896	84	0.57	29
695-		'	'	1	,	-	260	950	1	0.54	2	561	1050	141	0.60	1
225	-	277	890	1	97.0	m	574	980	8	0.45	4	575	868	26	97.0	2
069-	. ,	,	,	1	•	-	950	1480	1	0.62	-	950	1480	1	0.62	1
679	*	673	1950	•	99.0	1	1	1	1		-	673	1950	1	0.64	1
689-089	-	684	2410	1	0.75	1	1	1	1	1	-	789	2410	1	0.75	1
	181					124					387					
MEAN	,	707	220	-	***			***	***	A 18		,000	-	410	27 0	6.4

Biological data by length interval for burbot taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT.

Table 6.

LENGTH			MALES					FEMALES					2	TOTAL		
INTERVAL (III)	-	ength(mm)	Weight (g)	t(g)	×	-	Length(mm)	Weight(g)	t(g)	×		ength(==)	Weight(g)	t(g)	×	24
	=	mean	mean	20		E	mean	mean	SD		=	mean	mean	SD		Female
0-509	-	808	162	1	0.60	1	,	,	1	1	-	209	797	1	0.60	1
90-529	m	525	1001	146	69.0	1	i	1	1	1	M	525	100	146	69.0	1
530-539	N	532	1060	9	0.71	1	1	1	1	1	2	532	1060	9	0.71	
675-0	-	541	1001	1	69.0	-	545	1180	1	0.73	2	543	1136	63	0.71	20
655-0		1	1		,	-	555	1300	1	9.70	-	555	1300	1	92.0	1
0-579	-	578	1427	1	0.74	-	573	1190	1	0.61	2	579	1309	168	0.68	20
985-00		1	•	1	,	2	585	1175	36	0.59	m	583	1273	182	9.0	
0-266	1	294	1396	173	9.0	2	593	1435	120	69.0	0	594	1405	157	0.67	22
609-00	in	709	1436	25	0.65	2	909	1280	28	0.58	1	709	1392	98	0.63	62
919-01	4	614	1543	88	29.0	~	612	1430	25	0.62	00	614	1539	128	99.0	33
659-0	4	623	1499	111	0.62	-	621	1400		0.58	S	623	1479	106	0.61	20
619-01	2	635	1764	52	69.0	-	635	1430		0.56	m	635	1652	196	0.65	33
679-0	2	645	1528	11	0.57	m	549	1533	29	0.57	N	645	1531	48	0.57	8
659-05	2	655	1835	304	0.65	-	655	1680	1	0.60	M	655	1783	233	0.63	33
699-05	2	999	1641	199	0.56	-	899	1560	1	0.52	M	999	1614	149	0.55	33
669-069	-	269	2200	1	0.65	-	769	2120	i	0.63	2	969	2160	22	99.0	20
677-01	-	774	3891	1	0.84	•	1	1	1	1	-	774	3891	1	0.84	1
TOTAL	38					19					8					;
EAN		209	1505	765	99.0		615	1426	228	0.61		609	1484	413	0.65	35

Biological data by length interval for burbot taken by the 133 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 7.

(mm)			MALES					FENALES	45				T	TOTAL		
Ì	1	ength(m)	Weight (g)	(g)	×	1	Length(mm)	Weight(g)	t(g)	×	21	Length(mm)	Weight(g)	t(g)	×	24
	=	mean	Bean	SD		c	mean	mean	So		c	mean	mean	SD		remate
130-339	-	336	255	1	0.67	. 1	ì	1	1	1	-	336	255	i	19.0	ı
687-08	-	482	630	i	0.56	1	1	1	1	1	-	482	630	i	0.56	ĝ
130-539	-	535	0%6	1	0.61	1	1	•	1	1	-	535	0%6	i	0.61	
980-589	-	587	1220	ı	09.0	1	1	1	1	,	-	587	1220	1	0.60	1
665-065	. 1	'	'	1	•	-	165	1940	1	76.0	-	591	1940	1	0.94	9
069-06	•	209	1605	67	0.65	1	1		1	1	~	627	1605	67	0.65	1
629-029	10	637	1835	1	0.71	-	638	2050	1	62.0	M	637	1907	124	0.74	33
659-059			'			1	1	1	1	1	-	658	2350	1	0.82	
699-095	-	899	1970	1	99.0	1	ı	1		1	-	899	1970	1	9.0	9
629-025	~	675	2198	500	0.71	-	029	2150	1	0.71	m	673	2182	150	0.71	33
089-085	·	989	2107	250	0.65	1	1		1	,	'n	989	2107	250	0.65	ı
009-00	0	989	2185	67	0.65	1	1	E	1	1	~	969	2185	65	0.65	9
002-004	1 90	206	2459	138	0.70	2	70%	2390	156	0.68	v	202	2432	130	69.0	40
110-710	90	715	2400	125	99.0	-	719	2850	•	0.77	4	716	2513	247	0.68	52
20-720	1 10	72	23.75	205	0.62	-	727	2250	1	09.0	4	724	2344	178	0.62	S
20-730) PF	152	2546	229	0.65	-	732	2550	1	0.65	'n	731	2532	165	0.65	8
740-749	-	765	2420	1	0.54		1	i	1	1	-	765	2420	1	0.54	ı
190-799	. 1	1		1		-	792	3270	1	99.0	-	792	3270	1	99.0	8
978-078	-	878	2050	i	92.0	1	1	1	1	1	-	878	2050	'	0.74	
TOTAL	22					0	!				£3		2000	2	57 6	2
(EAN		929	2124	783	9.00		169	2451	124	0.72		8	500	2	0.0	3

Biological data by length interval for cisco taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT.

Table 8.

LENGTH			MALES					FEMALES					10	TOTAL		
(m)		Length(mm)	Weight (g)	t(g)	×	1	Length(mm)	Weight(g)	(6) ₁	×	2	Length(mm)	Weight(g)	t(g)	×	×
	c	mean	Bean	SD		•	Bean	mean	05		-	mean	mean	SO		remel
691-09	-	165	07	1	0.89	1	1	1	1	1	-	165	07	1	0.89	1
90-189		•	1	1	1	1	1	8	1		-	187	90	8	1.22	8
190-199	-	193	2	1	76.0	-	191	20	1	0.72	4	193	R	21	1.01	20
00-500		•	1	1	1	1	1	1	1		~	207	20	14	0.79	1
10-219	-	217	8	1	0.88	-	218	100	1	0.97	2	218	95	1	0.95	20
20-229	-	228	8		9.76	-	221	100	8	0.93	4	225	103	13	0.00	20
	147	235	8	10	69.0	1	1		1	1	4	236	93	9	0.7	8
		,	1		1	1	1	1	1	1	2	245	125	2	0.86	¥
250-259	1	1	1	1			,		1	1	-	529	160		0.95	1
69-5-09	1	1	•	1	1	~	592	170	14	0.91	2	592	170	14	0.91	,
	,	•	1	1	,	1	1	1	•	1	-	286	155	1	99.0	1
150-359	-	354	550	1	1.24	1	,	•	1	1	-	354	550	1	1.24	1
		•	1	•	,	1	,	,		,	-	366	8	1	1.22	1
			1	,				•	1		-	378	730	•	1.35	1
	-	387	200	,	1.21		,		1	1	N	384	099	25	1.17	1
	-	395	909	1	26.0	1	,	1	1	1	m	395	730	147	1.18	1
		•	1	1	,	1	,	•	9	1	~	403	33	3	1.18	ī
	1	,	1	1	,	8	1	1	•	,	-	411	830		1.20	8
50-459	1	1	•	1	,	1	1	1	1	1	-	450	980	1	1.32	1
TOTAL	0		1	1		N.	-		5	6	38	Cec	230	24	8	=
EAN		792	247	707	8.0		252	0	36	0.01		707	2	2		2

Biological data by length interval for goldeye taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 9.

LENGTH			MALES					FENALES					10	TOTAL		
INTERVAL (m)	-	Length(mm)	Veight (g)	(6)t	×	2	Length(mm)	Weight (g)	(b);	×		Length(mm)	Weight(g)	t(g)	×	м
i	•	Bean	mean SD	20		•	Bean	mean	8		=	mean	mean	20		remaile
70-279	-	275	230	1	1.11	1	1	,	,	1	-	275	230		1.11	1.
90-200	-	298	340		1.28	9	,	9	1		*	298	340	9	1.28	
905-00	-	303	270	1	0.97	1	1	,	1	,	-	303	270		0.97	9
310-319	-	313	340	1	1.11	-	318	410	1	1.27	N	316	375	67	1.19	20
TOTAL	4	262	88	33	1.12	-	318	410	1	1.27	in.	301	318	R	1.15	8

Biological data by length interval for inconnu taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 10.

LENGTH			MALES	400				FEHALES					-	TOTAL		
INTERVAL	-	Length(mm)	Veight(g)	t(g)	×	-	Length(mm)	Weight(g)	(b) t	×	-	Length(mm)	Weig	leight(g)	×	×
	2	mean	Bean	SD			Bean	Bean	20			mean	Rean Ce	20		Lengte
070-000	3	,	1	1	1	1	1	ı	1		-	252	901	1	0.80	1
677-007	*	207	2770	1	1.18	1	1	-	,	9	-	403	270	9	1.18	i
675-005	-	205	1280	-	1.01	1	ĵ	9	9	9	-	205	1280	9	1.01	1
077 007	. 9	'	1	1		9	9	1	8	,	-	659	2930	9	1.18	•
072-002	1	1	1	1	1	1	1	1	1	9	2	222	4820	25	1.27	ſ
750-799	•	1	8	1		1	1	,	•	9	P	774	5377	318	1.16	i
850-899	i	1	1	1	1	1	1	1	1	,	2	854	7960	368	1.28	
TOTAL	~	\$57	1025	361	1.09	0	,	1			E	659	4252	2687	1.16	

Biological data by length interval for lake whitefish taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 11.

### Ueright(g) #### State	LENGTH			MALES					FEMALES					TC	TOTAL		
3 286 317 40 1.35 3	NTERVAL (m)		Length(m)	Weigh	t(g)	×	1	ength(m)	Weigh	t(g)	×	7	ength(mm)	Weight (g)	nt(g)	×	н
3 286 317 40 1.35 - - - - 3 7 -	ì	-	mean	Bean	20		=	Bean	- Been	20		e	Mean	Mean	05		remale
1 299 370 - 1.38 3 294 330 10 1.29 4 12 12 315 315 315 315 315 315 315 315 315 315	80-289	847	286	317	3	1.35	1	,	1	1	1	m	286	317	9	1.35	1
14 304 361 35 1.28 5 306 382 29 1.33 19 11 12 315 408 40 1.31 2 313 385 35 1.25 15 15 11 12 324 449 59 1.32 11 326 482 19 1.40 25 11 12 324 449 59 1.32 11 10 344 559 58 1.38 35 1.25 15 15 13 15 15 15 15 15 15 15 15 15 15 15 15 15	00-200	-	582	370		1.38	m	762	330	10	1.29	4	596	340	22	1.32	75
12 315 408 40 1.31 2 313 385 35 1.25 15 31 12 314 326 482 19 1.40 25 31 14 326 482 19 1.40 25 31 14 326 482 19 1.40 25 31 14 31 31 31 31 31 31 31 31 31 31 31 31 31	60%-00	16	304	361	35	1.28	10	306	385	8	1.33	19	305	369	33	1.30	8
12 324 449 59 1.32 11 326 482 19 1.40 25 345 575 1.47 376 22 1.41 24 355 57 1.42 7 332 517 62 1.41 24 31 16 354 680 79 1.41 14 354 705 56 1.47 31 31 31 31 31 31 31 31 31 31 31 31 31	0-319	12	315	807	9	1.31	2	313	385	35	1.25	15	314	404	37	1.30	14
14 335 535 57 1.42 7 332 517 62 1.41 24 355 58 138 35 51 15 345 576 67 1.41 10 344 559 58 138 35 15 16 354 680 79 1.41 14 354 649 75 1.47 31 31 26 385 822 78 1.41 14 24 374 756 96 1.46 32 26 385 822 78 1.44 24 374 756 96 1.46 32 27 393 906 83 1.49 26 394 892 85 1.45 77 24 4,13 1043 112 1.55 23 4,23 1136 97 1.50 4,9 24 4,13 1043 112 1.55 23 4,23 1136 97 1.50 4,9 24 4,13 1043 112 1.55 23 4,23 1136 97 1.50 4,9 25 4,13 1043 112 1.55 23 4,23 1136 97 1.50 4,9 26 4,56 1180 12 1.46 14 434 1203 232 1.47 30 4,9 26 4,56 1180 - 1.56 6 4,53 1136 194 1.62 6 4,5 27 1,13 1,130 - 1.56 6 4,53 1136 194 1.62 6 4,5 28 1,45 1138 345 1.47 1 4,99 1136 194 1.62 6 4,5 29 1,13 1,14 1,14 1,14 1,14 1,14 1,14 1,14	0-120	1	701	677	29	1.32	1	326	787	19	1.40	22	325	594	27	1.36	87
22 345 576 67 1,41 10 344 559 58 1,38 35 16 354 680 79 1,41 14 354 649 75 1,47 31 16 354 680 79 1,41 15 354 649 75 1,47 31 26 395 682 78 1,44 24 37 64 37 1,47 36 32 403 906 83 1,49 26 394 892 85 1,45 72 24 413 1043 114 1,47 26 394 892 85 1,46 57 24 413 1043 114 1,48 26 394 892 85 1,46 57 24 413 1043 114 1,58 23 423 1136 97 1,47 56 24 426 130 11 1,48 8 445 1136 1,47 48 1 448 1330 - 1,48 8 445 158 162 14 1 446 1330 - 1,48	0-110	16	335	535	25	1.42	1	332	517	3	1.41	54	334	530	26	1.42	33
16 353 622 51 1.41 14 354 649 75 1.47 31 31 31 31 31 31 31 31 4 680 79 1.41 15 354 705 56 1.46 32 32 31 31 31 31 31 31 4 750 70 1.44 25 354 841 75 144 58 32 403 906 83 1.49 26 394 892 85 1.45 72 144 56 144	071-0	22	345	576	29	1.41	10	346	559	28	1.38	35	344	220	3	1.40	31
16 364 680 79 1.41 15 364 705 56 1.46 32 33 36 335 1.45 750 70 1.44 24 374 756 96 1.44 58 34 40 393 906 87 1.44 26 386 841 74 1.47 56 34 34 35 313 1.47 20 403 918 105 1.47 56 34 34 413 1043 114 1.48 21 414 1093 138 1.54 48 424 1130 112 1.55 23 423 1136 97 1.50 49 49 414 1330 1 1.46 14 43 1130 1 1.48 8 445 1136 124 1.30 49 415 1130 1 1.30 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 4130 1 1.37 4 472 1708 194 1.62 6 414 414 414 414 414 414 414 414 414 4	0-150	16	353	622	51	1.41	14	354	679	K	1.47	31	353	636	3	1.44	17
31 374 750 70 1.44 24 374 756 96 1.44 58 24 385 841 74 147 56 34 40 343 906 83 1.49 26 394 891 74 1.47 56 34 413 1.49 26 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.47 56 34 81 174 1.48 1.54 1.18 1.44 1.48 1.54 1.54 1.14 1.48 1.54 1.48 1.54 1.54 1.14 1.48 1.50 1.40 37 1.56 1.47 1.50 1.47 1.47 1.47 1.47 1.47 1.47 1.47 1.47	692-0	16	364	989	2	1.41	15	364	202	25	1.46	32	364	969	2	1.44	87
26 385 822 78 1.44 25 385 841 74 1.47 56 340 403 393 906 83 1.49 26 394 892 85 1.45 72 340 403 918 105 1.40 57 24 413 1043 112 1.45 21 414 1093 138 1.46 74 118 115 1.55 23 423 1136 97 1.50 49 114 425 1204 102 1.46 14 434 1203 232 1.47 30 49 114 448 1330 - 1.48 8 445 1358 124 1.54 11 448 1350 - 1.48 8 445 1358 124 1.54 11 471 1430 - 1.56 5 445 1753 280 1.62 6 451 175 5 105 105 105 105 105 105 105 105 105	0-379	31	374	750	2	1.44	54	374	756	8	1.44	28	374	753	8	1.44	77
40 3993 906 83 1.49 26 394 892 85 1.45 72 24 413 1043 114 1.48 21 414 1093 136 140 57 24 413 1043 114 1.48 21 414 108 1.54 48 14 436 1204 102 1.46 14 434 1203 232 1.47 30 1 448 1330 - 1.48 8 445 1358 124 150 49 6 456 1480 99 1.56 6 453 198 1.47 30 49 1 446 1330 - 1.48 8 445 156 49 1.47 30 49 1 450 1480 99 1.56 6 453 196 1.47 1.76 1.76 4 4	0-389	36	385	822	78	1.44	X	385	841	74	1.47	95	385	832	2	1.46	67
32 403 965 87 1,47 20 403 918 105 1,40 57 24 413 1043 114 1,48 21 414 1093 138 1,54 48 14 435 1204 102 112 1,55 23 423 1136 97 1,56 48 14 435 104 102 1,46 144 133 1,47 30 49 14 448 1330 - 1,48 8 445 1358 1,47 30 49 14 450 1480 99 1,56 6 453 1505 285 1,62 6 4 14 471 1430 - 1,37 4 472 1708 176 1,65 6 4 14 493 1758 345 1427 176 1,77 1 1 1 1 1 1	0-100	9	393	98	28	1.49	92	394	892	88	1.45	72	394	ğ	88	1.48	39
24 413 1043 114 1.48 21 414 1093 138 1.54 48 14 435 1136 97 1.50 49 14 448 1330 1.44 1330 1.44 1330 1.44 1330 1.44 1330 1.44 1350 1.56 6 453 1505 285 1.47 30 14 14 14 150 1.56 14 1753 280 1.76 1.54 11 14 14 14 14 14 14 14 14 14 14 14 14	607-0	32	403	385	87	1.47	2	403	918	105	1.40	27	403	976	93	1.44	22
24 424 1180 112 1.55 23 423 1136 97 1.50 49 14 435 1204 102 1.46 14 434 1203 232 1.47 30 1 448 1330 - 1.48 6 445 1355 124 1.54 11 1 451 1570 - 1.56 6 453 1505 282 1.47 30 1 451 1570 - 1.57 4 472 1708 194 1.62 13 1 489 1850 - 1.58 3 485 1427 176 1.25 4 1 493 1758 345 1.47 1 499 2120 - 1.71 5 1 503 2190 - 1.72 1.5 42 1850 - 1.16 11 2 1 542 1853 114 246 391 916 333 1.46	619-0	26	413	1043	114	1.48	2	414	1093	138	1.54	87	413	1065	125	1.51	25
14 435 1204 102 1.46 14 434 1203 232 1.47 30 4 6 456 1330 - 1.48 8 445 1358 124 1.54 11 6 456 1330 - 1.48 8 445 1358 124 1.54 11 6 451 1570 - 1.56 5 6 453 1505 285 1.62 13 6 1 6 1	627-0	24	757	1180	112	1.55	23	523	1136	26	1.50	67	424	1156	100	1.52	67
1 448 1330 - 1.48 8 445 1358 124 1.54 11 446 1456 1480 99 1.56 6 453 1505 285 162 13 64 1451 1450 - 1.60 3 464 1753 280 1.76 4 4 472 1708 194 1.62 6 4 472 1708 194 1.62 6 4 4 493 1758 345 1.47 1 499 2120 - 1.71 5 6 1.25 6 1.72 1 5 6 1.25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	657-0	16	435	1204	102	1.46	14	434	1203	232	1.47	2	435	1207	171	1.47	20
6 456 1480 99 1.56 6 453 1505 285 1.62 13 1 461 1570 - 1.60 3 464 1753 280 1.76 4 1 471 1430 - 1.57 4 472 1708 194 1.62 6 1 499 1758 345 1.47 1 499 2120 - 1.71 5 1 503 2190 - 1.72 - 1 542 1850 - 1.16 1 2 1 542 1850 - 1.16 1 3 16 381 313 1.44 391 916 333 1.46	077-0	-	877	1330		1.48	00	577	1358	124	1.54	11	577	1348	109	1.53	68
1 461 1570 - 1.60 3 464 1753 280 1.76 4 4 17 1430 - 1.37 4 472 1708 194 1.62 6 4 4 17 1738 194 1.62 6 4 1.25 1708 1708 1708 1708 1.25 6 4 1.25 1.27 1.27 1.27 1.27 1.27 1.27 1.27 1.27	057-0	. 4	957	1480	8	1.56	9	453	1505	285	1.62	13	454	1480	200	1.58	20
1 477 1430 - 1.37 4 472 1708 194 1.62 6 1 489 1850 - 1.58 3 485 1427 176 1.25 4 1 403 1758 345 1.47 1 499 2120 - 1.71 5 1 503 2190 - 1.72 - 1 542 1850 - 1.16 1 2 1 542 1850 - 1.16 1 316 381 835 313 1.44 391 916 333 1.46	077-0	-	197	1570		1.60	m	797	1753	280	1.76	4	463	1708	247	1.72	22
1 489 1850 - 1.58 3 485 1427 176 1.25 4 4 4 4 4 4 1758 1457 177 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	027-0	-	127	0571		1.37	4	225	1708	194	1.62	9	215	1592	238	1.51	8
4 493 1778 345 1.47 1 499 2120 - 1.71 5 1 503 2190 - 1.72 - - - - 1 - - - - - - - - 1.16 1 - - - - - - - - - 1 - - - - - - - - - 1 - - - - - - - - - 1 - - - - - - - - - - 1 - - - - - - - - - - - - 1 - - - - - - - - - - - - - 1 - <td>087-0</td> <td></td> <td>687</td> <td>1850</td> <td>i</td> <td>1.58</td> <td>m</td> <td>485</td> <td>1427</td> <td>176</td> <td>1.25</td> <td>4</td> <td>987</td> <td>1533</td> <td>952</td> <td>1.33</td> <td>98</td>	087-0		687	1850	i	1.58	m	485	1427	176	1.25	4	987	1533	952	1.33	98
316 381 835 313 1.44 391 916 333 1.46 604	667-0	. 7	267	1758	345	1.47	-	667	2120	1	1.7	5	767	1830	340	1.52	2
316 381 835 313 1.44 391 916 333 1.46 604	005-0	-	503	2190		1.72	1		1	1	1	-	503	2190	1.	1.72	1
316 381 835 313 1.44 391 916 333 1.46	675-0	. 1	1	1		1	-	242	1850	i	1.16	-	542	1850	1	1.16	¥
316 381 835 313 1.44 391 916 333 1.46	0-559	1	,	1	i	1			i	1	,	-	553	1910	1	1.13	i
381 835 313 1.44 391 916 333 1.46	1	314					546					300					
	M		381	835	313	1.44		391	916	333	1.46		386	873	323	1.45	2

Biological data by length interval for lake whitefish taken by the 89 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 12.

LENGTH		MALES	ES				FENALES					TO	TOTAL		
NTERVAL (mm)	Length	U Ver	Veight(g)	×	13	ength(me)	Weight (g)	t(g)	×		.ength(mm)	Weight(g)	t(g)	×	24
	n sean	Bean	80		•	mean	mean	20		•	Mean	Bean	20		Length
7-280	3 286	317		1.35	,	,		1	1	m	586	317	9	1.35	1.
7-200	200	370		1.38	2	293	330	14	1.32	M	562	343	S	1.34	29
		356	20	1.27	110	306	382	82	1.33	100	305	363	31	1.28	28
		807		1.31	2	313	385	35	1.25	15	314	707	37	1.30	14
	701	077		1.29	60	325	476	18	1.38	21	325	456	45	1.33	77
		535		1.42	40	332	200	94	1.37	23	334	256	24	1.41	20
		295		1.37	60	343	558	99	1.38	28	344	559	3	1.37	31
		619		1.40	12	353	658	78	1.49	22	353	639	29	1.45	9
		699		1.39	0	365	200	87	1.45	21	364	685	22	1.42	43
		272		1.43	13	374	703	2	1.34	33	374	827	2	1.39	42
		804		1.42	12	386	840	99	1.46	30	385	83	8	1.45	77
		891		1.46	14	394	206	8	1.48	37	394	ğ	2	1.48	41
		176		1.44	90	507	903	101	1.37	22	403	920	8	1.41	3
		1054		1.49	1	414	1154	155	1.63	19	414	1090	129	1.54	39
		1150		1.51	1	523	1154	85	1.53	22	523	1148	8	1.51	23
017-0	727 6	1215		1.49	4	435	1238	88	1.51	1	435	1237	29	1.51	29
077-1					2	777	1320	283	1.51	m	443	1340	203	1.54	
657-	157 7	8671		1.57	2	457	1580	27	1.66	9	157	1525	107	1.60	33
027					-	225	1720	1	1.64	-	215	1720		9.	•
087-1	087 1	1850		1.58	-	187	1630	1	1.41	2	488	1740	156	1.50	20
667-067	1 495	2060	'	1.70	1	•	1	1	1	-	567	5060	1	1.70	•
	8				121					342					
IEAN	367	738	662	1.41		376	8	297	1.44		37	762	298	1.42	200

Biological data by length interval for lake whitefish taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 13.

ENGTH			MALES	**				FEMALES					TO	TOTAL		
TERVAL (=)	3	ength(mm)	Veight (g)	t(g)	×	2	mgth(=)	Weight(g)	t(g)	×	7	ength(mm)	Weight (g)	t(g)	×	24
	-	Bean	G	98		e	mean	600	95		•	mean	200	8		100
0-599	1	,	,	1	,	-	862	330	1	1.25	-	298	330	1	1.25	,
0-309	-	309	430	1	1.46				•	,	-	309	430	,	1.46	1
0-329	-	325	550		39.	100	326	167	12	1.43	4	326	510	82	1.47	K
0-339		•		1		-	335	620		1.65	-	335	620		1.65	1
340-349	4	345	079	20	1.57	2	345	295	21	1.38	1	344	613	51	1.51	33
0-359	2	352	645	2	1.48	2	357	99	82	1.32	7	355	623	33	1.40	20
0-369	7	367	713	65	1.45	9	364	20%	F	1.46	11	365	715	99	1.48	3
0-379	13	373	757	26	1.45	10	374	801	24	1.53	54	374	111	69	1.49	63
0-389	10	386	838	69	1.46	13	385	842	85	1.48	8	385	836	78	1.46	22
0-366	15	393	20%	8	1.48	6	395	880	35	1.43	92	394	168	9	1.46	22
607-0	14	707	956	92	1.45	6	403	880	26	1.35	22	403	931	82	1.42	39
0-419	9	412	216	98	1.39	10	415	1074	124	1.51	17	414	1029	119	1.45	63
0-429	9	127	1195	143	1.54	10	454	1106	106	1.45	17	425	1137	121	1.48	63
0-439	9	435	1177	116	1.43	1	434	1247	154	1.53	14	435	1174	232	1.43	54
677-0	-	877	1330		1.48	4	445	1385	85	1.57	9	445	1355	*	1.53	8
0-459	-	453	1450	1	1.56	N	450	1314	927	1.44	m	451	1359	346	1.48	29
627-0	•	,	•	1	,		•	•	•	1	-	475	1290		1.20	1
687-087	1	,	1	1	1	-	480	1330	1	1.20	-	480	1330	1	1.20	1
667-0	m	765	1657	343	1.39	1	1	1	1	1	m	765	1657	343	1.39	1
540-549			•	1	1	-	542	1850	•	1.16	-	242	1850	1	1.16	1
50-559	1	ı	1	1	,	•	1	•	1	i	-	553	1910	1	1.13	1
TOTAL	87					2					193				;	1
AN		386	927	544	1.47		398	176	264	1.46		398	076	260	1.46	21

Biological data by length interval for lake whitefish taken by the 133 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 14.

Length(mm) Len	LENGTH			HALES	46				FEMALES	***				T	TOTAL		
1 386 920 - - -	INTERVAL	1	Length(mm)	Verigh	t(g)	×	12	ength(mm)	Weigh	it(g)	×		.ength(mm)	Weigh	t(g)	×	24
1 386 920 - 1.85 1 377 990 - 1.85 1 377 990 - 1.85 1 386 900 - 1.60 1.61 10 404 1041 50 1.57 1.54 1.54 1.54 1.54 1.57 1.54 1.54 1.53 1.54 1.53 1.54 1.53 1.53 1.55 1.53 1.55 1.53 1.55 1.53 1.55 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.54 4.53 1.55 1.54 4.53<	ì	-	mean	Mean	SD			mean	mean	05		=	mean	mean	05		remare
1 386 920 - 1.60 1 386 920 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.60 - 1.61 - 10 - 10.41	270-179	,	1	1	1	1	-	377	066	1	1.85	-	377	066	, 1	1.85	1
5 392 981 91 1.62 3 394 857 127 1.40 9 394 940 110 1.54 6 4.05 1037 4.3 1.57 3 4.05 1070 16 10 404 1041 50 1.57 16 1.57 16 1.57 16 1.57 16 1.57 16 1.57 1.57 18 1.53 16 1.54 1077 128 1.53 1.57 1.53 1.57 1.53 1.57 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.54 4.44 1.53 1.54 4.44 1.53 1.54 4.44 1.53 1.55 1.54 1.53 1.53 1.53 1.53 1.53 1.53 1.54 4.44 1.53 1.54 4.44 1.53 </td <td>280-389</td> <td>-</td> <td>386</td> <td>026</td> <td>1</td> <td>1.60</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>-</td> <td>386</td> <td>920</td> <td>1</td> <td>3.</td> <td>1</td>	280-389	-	386	026	1	1.60		1	1	1	1	-	386	920	1	3.	1
6 405 1037 43 1.57 3 405 1070 60 1.61 10 404 1041 50 1.57 7 412 1089 134 1.55 4 414 1033 135 1.46 12 413 1077 128 1.53 6 425 1263 62 1.67 6 424 1033 135 1.46 12 413 1077 128 1.53 6 435 1227 106 1.49 3 432 1253 133 1.55 9 434 1224 98 1.55 1440 - 1.53 2 453 1620 255 1.75 4 453 1503 205 1.62 1 461 1570 - 1.60 3 464 1753 280 1.76 4 453 1503 205 1.62 1 471 1430 - 1.57 3 472 1703 238 1.62 4 472 1635 205 1.62 1 503 2190 - 1.77 1 499 2120 - 1.71 1 499 2120 - 1.71 33 420 1173 250 1.57 433 1293 347 1.56 69 426 1225 300 1.57	100-100		262	981	16	1.62	M	394	857	127	1.40	0	366	0%6	110	1.54	38
7 412 1089 134 1.55 4,444 1033 135 1.46 12 413 1077 128 1.53 4 4 128 1.53 10 424 1204 96 1.59 1.59 124 1204 96 1.59 1.50 1.51 1.50 1.50 1.52 1.64 1.53 1.50 1.57 1.62 4 463 1.50 1.62 1.62 4 463 1.62 4 472 1.62 1.72 1.72 1.72 1.72 1.72 1.72 1.72 1.72 1.72 1.72 1.72	607-007	2	507	1037	63	1.57	M	405	1070	3	1.61	10	707	1041	20	1.57	33
4 423 1263 62 1.67 6 424 1165 98 1.53 10 424 1204 96 1.59 6 435 1227 106 1.49 3 432 1253 133 1.55 9 434 1236 108 1.51 1 435 1227 106 1.49 3 432 1253 135 1.55 9 434 1236 108 1.51 1 455 146 1753 280 1.75 4 465 1503 205 1.52 1 470 1.50 3 464 1753 280 1.77 4 463 1708 247 1.72 1 471 1430 - 1.57 1.73 238 1.62 4 472 1635 237 1.56 - - - - - - - - - -	410-419	1	412	1089	134	1.55	4	414	1033	135	1.46	12	413	1077	128	1.53	36
6 435 1227 106 1.49 3 432 1253 133 1.55 9 434 1226 108 1.51 1 455 1440 - 1.53 2 446 1340 0 1.52 2 446 1340 0 1.52 1 451 1570 - 1.60 3 464 1753 280 1.76 4 463 1708 247 1.72 1 451 1450 - 1.57 3 472 1703 238 1.62 4 472 1633 247 1.72 1 489 1320 - 1.13 1 489 1320 - 1.13 1 503 2190 - 1.72 - 1.77 33 420 1173 250 1.57 433 1293 347 1.56 69 426 1225 300 1.57	667-067	. 4	103	1263	29	1.67	9	454	1165	86	1.53	10	454	1204	96	1.59	9
1 455 1440 - - 2 446 1340 0 1.52 2 446 1340 0 1.52 1 455 1440 - 1.53 2 453 1620 255 1.75 4 453 1503 205 1.62 1 461 1570 - 1.37 3 472 1773 280 1.76 4 472 1763 207 1.72 1.72 1.72 4 472 1635 237 1.56 1.72 1.72 1.72 1.73 1 489 1320 - 1.13 1 489 1320 - 1.13 1 489 1320 - 1.13 1 1.13 1 1.13 1 1.13 1 1.13 1 1.13 1 1.13 <td< td=""><td>627-027</td><td>*</td><td>527</td><td>1227</td><td>106</td><td>1.49</td><td>m</td><td>432</td><td>1253</td><td>133</td><td>1.55</td><td>6</td><td>434</td><td>1236</td><td>108</td><td>1.51</td><td>33</td></td<>	627-027	*	527	1227	106	1.49	m	432	1253	133	1.55	6	434	1236	108	1.51	33
1 455 1440 - 1.53 2 453 1620 255 1.75 4 453 1503 205 1.62 1 461 1570 - 1.60 3 464 1753 280 1.76 4 463 1708 247 1.77 1 471 1430 - 1.37 3 472 1703 238 1.62 4 472 1635 237 1.56 - - - - 1 489 1320 - 1.13 1 489 1320 - 1.13 - - - - - 1 499 2120 - 1.71 1 499 2120 - 1.71 1 503 2190 - 1.77 1 503 2190 - 1.77 33 420 1173 250 1.57 433 1293 347 1.56 426 1225 300 1.57	077-077) 1	1	'	1	1	~	977	1340	0	1.52	2	977	1340	0	1.52	1
1 461 1570 - 1.60 3 464 1753 280 1.76 4 463 1708 247 1.72 1 471 1430 - 1.37 3 472 1703 238 1.62 4 472 1635 237 1.56 1 489 1320 - 1.71 1 489 1320 - 1.13 1 503 2190 - 1.72 1.71 1 503 2190 - 1.77 33 420 1157 250 1.57 433 1293 347 1.56 69 426 1225 300 1.57	057-057		557	1640	1	1.53	~	453	1620	255	1.75	7	453	1503	502	1.62	29
1 471 1430 - 1.37 3 472 1703 238 1.62 4 472 1635 237 1.56 1 489 1320 - 1.13 1 489 1320 - 1.13 1 503 2190 - 1.72 1.77 1 699 2120 - 1.77 33 420 1173 250 1.57 433 1293 347 1.56 69 426 1225 300 1.57	077 077		197	1570	1	1 60	m	797	1753	280	1.76	4	463	1708	247	1.72	2
33 420 1173 250 1.57 3 43 1293 347 1.56 69 426 1225 300 1.57	100 100	- 6-	127	1630	1	1.37	M	225	1703	238	1.62	4	472	1635	237	1.56	2
33 420 1173 250 1.57 499 2120 - 1.71 1 499 2120 - 1.71 1 1 503 2190 - 1.72 1 1.56 69 426 1225 300 1.57	687-087	- 1	1	3	1	,	-	687	1320	1	1.13	-	687	1320	1	1.13	3
35 420 1173 250 1.57 433 1293 347 1.56 69 426 1225 300 1.57	007-007	1	1	1	1	1	-	667	2120	1	1.71	-	667	2120	1	1.7	1
33 420 1173 250 1.57 32 433 1293 347 1.56 69 426 1225 300 1.57	500-509	-	203	2190	1	1.72	1	1	1	1	1	-	503	2190	1	1.72	,
420 1173 250 1.57 433 1295 347 1.56 4.26 1225 500 1.51	TOTAL	33					32		1	;		69	70	200	82	5	07
	HEAN		750	1173	250	1.57		433	1295	36	1.36		470	9	36	1.36	44

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Biological data by length interval for longnose sucker taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 15.

LENGTH			MALES					FEMALES					TO	TOTAL		
INTERVAL (==)		Length(m)	Weight(g)	t(g)	×	1	Length(ms)	Weight(g)	t(g)	×	-	Length(mm)	Veight(g)	t(g)	×	×
	=	mean	Bean	SD		c	Bean	Rean	SD		•	mean	mean	SD		Female
590-299	-	762	410	1	1.57	1	1	1	1	ı	-	762	410	1	1.57	1
310-319	2	313	450	14	1.47	1	,	9	1	1	~	313	450	14	1.47	i
320-329	M	323	423	74	1.25	-	324	077	1	1.29	4	323	428	61	1.26	52
330-339	-	330	390	1	1.09	1	1	1	1	1	2	332	435	3	1.19	1
340-349	7	343	550	14	1.37	•	1	1	1	,	N.	343	592	8	1.47	1
350-359	80	353	556	3	1.27	~	355	535	35	1.20	10	353	552	3	1.25	8
360-369	60	365	643	97	1.32	4	366	630	24	1.29	12	365	638	43	1.31	33
370-379	10	375	703	7	1.33	-	376	730	1	1.37	14	375	678	9	1.28	•
380-389	13	384	822	2	1.28	N	385	220	0	1.27	17	384	75	2	1.29	13
390-399	13	395	778	154	1.27	10	396	812	92	1.31	18	395	788	136	1.28	28
607-007	~	907	807	102	1.21	in	407	855	83	1.27	12	907	83	3	1.13	42
410-419	13	415	918	2	1.29	N)	415	914	8	1.28	100	415	216	2	1.28	28
420-429	13	523	1000	119	1.31	00	623	979	110	1.29	21	454	366	113	1.30	38
430-439	2	434	1086	122	1.33	1	436	1044	129	1.26	31	434	1085	136	1.32	23
677-077	54	445	1126	88	1.28	0	445	1082	2	1.23	36	445	1112	87	1.26	27
450-459	22	455	1200	116	1.28	11	455	1189	R	1.26	34	455	1199	102	1.28	33
697-097	X	797	1273	115	1.27	19	597	1306	145	1.30	45	797	1286	127	1.28	43
627-027	16	473	1407	136	1.33	18	727	1352	102	1.27	35	473	1380	119	1.30	53
687-087	22	787	1435	135	1.27	14	486	1451	144	1.27	36	485	1442	136	1.27	39
667-067	18	493	1503	8	1.25	8	767	1515	151	1.26	39	493	1510	126	1.26	53
500-509	14	503	1610	138	1.26	15	503	1527	111	1.20	31	503	1577	131	1.24	52
510-519	11	514	1693	8	1.25	12	514	1681	165	1.24	54	514	1688	130	1.24	25
520-529	10	526	1889	52	1.30	S	525	17%	120	1.24	17	526	1838	136	1.26	33
530-539	1	535	1844	127	1.21	60)	536	1885	191	1.23	15	535	1866	160	1.22	53
540-549	4	545	1970	88	1.22	in	244	2024	175	1.26	0	244	2002	134	1.24	56
550-559	5	554	2116	211	1.24	11	555	2088	183	1.22	16	554	2097	185	1.23	69
695-095	m	563	2087	162	1.17	9	264	2048	144	1.14	10	563	2086	154	1.17	29
570-579	-	571	2310	1	1.24	1	575	2276	219	1.20	6	574	5566	18	1.20	88
590-599	4-	165	2560	1	1.24	S.	595	2506	248	1.19	9	295	2515	223	1.20	83
609-009		1	1	1	,	-	209	2660	1	1.22	-	209	2660	1	1.22	1
610-619	1	1	•	1	,	M	614	2843	180	1.23	m	614	2843	180	1.23	1
650-629		1	*	1	1	-	623	3110	1	1.29	*	623	3110	0	23	1
TOTAL	300					210					534					
MEAN		450	1212	456	1.28		987	1489	501	1.24		797	1322	617	1.27	1.7

Biological data by length interval for longnose sucker taken by the 89 mm mesh of survey gillnets during the Table 16.

LEMETH			MALES	45				FEMALES					TC	TOTAL		
INTERVAL	1	Length(==)	Weight (g)	t(g)	×	1	Length(==)	Weight(g)	t(g)	×	-	Length(mm)	Weight(g)	t(g)	×	×
	•	mean	Bean	SD		c	mean	mean	SD		c	mean	mean	So		
300		307	740	1	1 57	,	1	1	1	1	-	262	410	1	1.57	1
200	- e	142	750	14	1 7.7		,	1		1	2	313	450	14	1.47	1
720	W P	191	267	72	1 25		762	077	1	1.29	4	323	428	61	1.26	52
7367	7		185		00.		'		ı	1	2	332	435	79	1.19	
7.33%	-	27.2	220	44	1 17					1	L LA	343	592	38	1.47	8
340-349	4 0	242	250	e 9	1 27	0	155	535	35	1.20	10	353	552	62	1.25	20
1260	0 @	345	279	3 9	1.32	14	366	630	54	1.29	12	365	638	43	1.31	33
1200	9 6	175	202	77	1.33	-	376	730		1.37	14	375	879	9	1.28	0
180	200	187	718	29	1.26	~	385	720	0	1.27	15	384	713	65	1.26	16
100	9 0	10,0	177	150	121	1 15	396	812	76	1.31	14	395	992	136	1.25	36
2007	, 4	507	208	100	1.24	4	407	817	07	1.22	10	907	821	83	1.23	9
740	200	415	65	12	1 20	~	415	830	14	1.16	14	415	908	74	1.27	14
2007	101	507	979	120	1.28	4	454	096	96	1.26	14	454	973	110	1.27	8
027	2 0	117	1043	126	1.29	10	435	1016	136	1.24	14	433	1029	121	1.27	38
077	4 0	577	1106	78	1.26	5	777	1034	69	1.18	21	577	1086	8	1.24	28
057-0	0	757	1140	93	1.22	4	457	1145	92	1.20	14	455	1151	83	1.23	5
977-0	. 00	777	1210	93	1.24	7	994	1260	92	1.25	16	595	1247	2	1.24	15
027-0	·	227	1338	22	1.27	10	727	1333	8	1.25	15	727	1335	2	1.26	29
087-0		787	1366	114	1.20	9	485	1500	182	1.32	13	787	1428	158	1.26	97
007	. 1	267	1471	87	1.24	M	493	1433	105	1.20	10	765	1464	29	1.23	2
200	· W	203	1606	210	1.27	5	20%	1508	145	1.18	10	503	1557	178	1.22	20
640		515	1435	17	1 20	2	513	1635	35	1.21	9	514	1635	36	1.20	33
200	2 14	637	1840	113	1 26	2	524	1725	134	1.20	2	525	1794	122	1.24	9
1207	0 0	751	1846	4	1 22				1	1	2	535	1865	35	1.22	
670	V *	650	2060		1 31	2	543	1985	233	1.24	M	245	2010	171	1.26	29
200		2	300		4 44	4	555	2115	270	1.24	5	555	2076	250	1.21	8
7-22%		230	4070	1	1 10	7	195	2008	135	1.12	2	563	1994	121	1.12	8
260-269	-	380	246	1	2	•	575	2070		1.09	-	575	2070		1.09	E
570-579	9		•	1	1 1		205	2250	9	1.07	-	595	2250		1.07	9
35-0	9	9			1		417	3030		1.29	-	617	3030		1.29	1
610-619	8	9		,	,	- 4	***	3440	1	1 30	4.	109	3110	3	1.29	8
520-629	1		8		,		629	2110		13.1	-	20				
181	160					88					560			797	*	36
ME AN		367	1012	782	4 34		FEE	4 TOTA	200	4 22		25.7	2000	4		

Biological data by length interval for longnose sucker taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 17.

LENGTH			MALES	46				FEMALES					10	TOTAL		
INTERVAL (mm)	1	ength(m)	Weight(g)	t(g)	×	1	ength(m)	Weight(g)	t(g)	×		ength(m)	Weight(g)	£(8)	×	14
	e	mean	mean	8		e	mean	G S	8		E	mean	Mean	20		Female
380-389	-	388	910	1	1.56	1	1	1	F	ı	2	338	990	82	1.52	
390-399	4	386	38	119	1.39	•	1	1	1	1	4	338	28	119	1.39	1
607-007	*	607	710	1	1.04	-	607	226	1	1.42	2	607	3	184	1.23	2
410-419	-	411	98		1.27	1	415	970	20	1.36	4	414	3	51	1.33	K
620-629	M	424	1073	8	1.41	4	422	666	135	1.33	1	53	1031	118	1.36	25
687-087	11	435	1108	125	7.7	2	439	1115	106	1.32	15	636	1130	143	1.37	15
677-077	0	445	1144	98	1.30	4	977	1143	39	1.29	13	445	1144	65	1.30	31
650-659	10	455	1204	101	1.28	9	454	1202	50	1.29	16	455	1203	2	1.28	22
697-097	14	191	1292	132	1.30	0	75	1266	122	1.26	R	3	1282	126	1.28	33
629-023	0	473	1411	138	1.33	9	474	1362	135	1.28	16	673	1384	131	1.31	3
687-087	10	483	1407	108	1.3	15	987	1392	131	1.21	15	787	1402	112	1.23	33
667-067	1	464	1481	87	1.23	0	767	1539	188	1.28	16	25	1514	159	1.26	92
500-509	60	200	1611	8	1.26	1	205	1500	8	1.19	16	503	1569	113	1.23	25
510-519	4	514	1680	116	1.24	5	513	1624	197	1.20	0	514	1649	159	1.22	R
520-529	2	527	1850	13	1.26	-	625	1720	ı	1.16	4	528	1763	145	1.30	33
530-539	M	534	1850	139	1.22	M	535	1813	592	1.19	9	234	1832	180	2.8	2
675-075	-	75	1940	1	1.21	2	246	1950	57	1.20	M	545	1947	3	1.8	29
550-559	2	554	2225	120	1.31	·	552	2090	ŧ	1.24	M	553	2180	115	1.29	23
570-579	- Sec	577	2310	1	1.24	2	576	2405	361	1.26	4	574	2318	540	1.23	29
590-599	1	•	1	1	ı	2	2%	5892	576	1.28	2	2%	5692	276	1.28	•
TOTAL	101					72					180					
HEAM		697	1351	800	1.30		787	1448	391	1.26		573	13%	320	1.28	42

Biological data by length interval for longnose sucker taken by the 133 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 18.

ENGTH			MALES					FEMALES					TC	TOTAL		
(mm)	13	ength(ss)	Weight (g)	t(g)	K	3	ength(ms)	Weight (g)	t(g)	×	-	ength(ma)	Weight (g)	t(g)	×	345
	e	nean	mean	8		c	mean	mean	05		c	mean	mean	8		remark
619-0	0	227	1140	3	1.41	t	i		1	1	2	433	1140	3	1.41	1
677-0	10	93	1175	247	1.33	-	1	1	1	•	2	977	1175	247	1.33	1
657-0	1 100	455	1367	51	1.46	*	455	1290	ï	1.37	4	455	1348	25	1.43	10
697-0	199	999	1277	3	1.27	M	151	1530	148	1.53	9	999	1403	176	3.1	2
629-0	~	029	1560	226	1.50	2	727	1420	18	1.34	4	572	1490	161	1.42	8
687-0	1 10	3	1590	8	1.40	10	187	1453	8	1.26	90	987	1539	201	1.35	38
667-0	4	767	1588	152	1.32	00	767	1519	8	1.26	13	567	125	112	1.28	29
005-0	•	503	1620		1.27	2	503	1623	9	1.27	S	503	1644	3	1.29	2
0-519	- 947	513	1787	67	1.32	5	515	1757	152	1.29	6	514	1762	1113	1.30	63
0-520	1	525	1934	139	1.34	2	22	1905	9	1.32	00	233	1905	123	1.31	8
015-0	1	536	1815	233	1.18	15	536	1928	151	1.3	1	536	18%	165	1.23	F
675-0	10	275	1940	57	1.19	-	543	2250		1.41	m	2,5	2043	183	1.26	33
0-550	10	553	2105	318	1.35	0	555	2070	148	1.21	60	554	2079	174	1.22	2
0-540	10	298	2160	141	1.20	2	264	2130	130	1.19	S	563	2178	134	1.22	2
025-0		1	1			4	575	2263	165	1.19	4	575	2263	165	1.19	1
965-0	-	165	2560		1.24	2	5%	2445	163	1.16	m	25%	2483	133	1.19	19
609-0	. 1	1	1			-	209	2660	•	1.22	-	209	5660	1	1.22	
610-019	í	1		1	ı	2	613	2750	113	1.20	2	613	2750	113	1.20	1
ITAL	39					8					8			1		
NAC.		200	1673	3,5	1.33		257	1867	382	1.27		515	1/65	3//	1.0	8

Biological data by length interval for northern pike taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 19.

ENGTH			MALES	18				FEMALES					T Te	TOTAL		
(mm)		Length(=)	Weigh	t(g)	×	13	ength(mm)	Veig	t(g)	×		.ength(=)	Weigh	t(g)	×	24
	•	mean	5	8			mean	Mean	88		6	mean	Rean	8		Female
0-499	1	287	776	*	69.0	1	1		.1	1	1	3	776	8	69.0	,
675-0	12	23	1062	82	0.73	M	506	920	26	2.0	17	22	1033	10%	0.73	R
0-599	13	295	1317	157	0.72	L/A	575	1286	28	99.0	8	225	1327	143	0.71	28
679-0	12	623	1814	8	0.73	M	99	1867	146	0.76	139	625	180	18	0.75	8
669-0	2	229	1622	197	0.76	M	673	2283	135	0.75	11	675	2287	18	0.75	2
672-0	-	715	2755		0.73	Pu	707	2454	10%	69.0	9	220	2867	439	92.0	19
0-799	-	751	2920		69.0		•	1	1	1	-	751	2850	•	69.0	1
678-00	-	849	4455	r	92.0	1	1	!	(-	849	5597	í	0.76	1
TOTAL	×	785	1646	80	K 0	16	209	1659	825	12.0	20	8	89	713	0.73	ĸ

Biological data by length interval for northern pike taken by the 89 mm mesh of survey gillnets during the eumman of 1996 from the Resolution Bay area of Great Slave Lake. NT. Table 20.

LENGTH			MALES	40				FENALES					T	TOTAL		
MTERVAL	1	ength(ms)	Weigh	Weight (g)	×	-	ength(mm)	Weight(g)	t(g)	×	-	Length(sm)	Weigh	Weight(g)	×	×
	•	mean	8680	8		e	mean	uses.	8		c	mean	mean	25		remail
607-05	1	3	776	88	0.69		,			1	7	287	776	8	69.0	1
675-00	12	2	1062	8	0.73	147	808	920	76	0.70	17	225	1033	10%	0.73	8
20-500	12	595	1300	152	0.72	151	575	1286	28	0.68	17	895	1297	134	F.0	R
679-00	80	617	1755	88	0.75	ru	517	1835	191	0.78	12	615	1755	193	0.75	8
669-05	N	129	2487	19	0.83	-	199	2230	1	0.79	M	999	2401	149	0.81	33
672-004	-	715	2755	i	0.75	•	t	1	1	,	-	7115	2755	t	0.73	1
TOTAL	3	558	251	167	0.73	11	215	1372	435	0.71	22	58	1334	3	0.73	2

Biological data by length interval for northern pike taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 21.

ENGTH			MALES					FENALES	10				T	TOTAL		
HTERVAL (m)	1	ength(=)	Weight (g)	t(g)	×	1	Length(m)	Weight (g)	ht(g)	×	1	Length(mm)	Weight (g)	ht(g)	×	24
		Bean	Bean	8		-	-	-	20		•	mean	Mean	23		
0-600		503	1500	1	0.72	1	1	1	1	1	3	592	1496	32	0.72	1
077 0	. 14	127	1873	23	0 75	-	779	1930	1	0.72	4	250	1887	65	92.0	10
007 0	1 10	25	2212	121	27.0	. ~	39	5309	180	0.73	60	879	2244	156	0.72	82
240		5	1	. '		10	707	2454	104	69.0	10	902	2552	186	0.72	
0-700	*	75.1	2020	1	0 69		. '		1		-	751	2920	•	69.0	8
800-849	- 4-	849	4655	1	0.76	1	1	1	1	ı	-	849	4655	•	92.0	1
TOTAL	2	119	2452	852	0.73	N.	3	1622	822	0.71	8	673	2261	88	0.73	31

Biological data by length interval for northern pike taken by the 133 mm mesh of survey gillnets during the Table 22.

LENGTH			HALES					FEMALES					TO	TOTAL		
(INTERVAL	-	Length(mm)	Weight (g)	(b)	×		Length(mm) Weight(g)	Weight	(b)	×		Length(mm) Weight(g)	Weigh	t(g)	×	*
ì		mean	Bean	20			mean	mean SD	SD		=	mean	mean SD	So		a leman
077 000		1/7	2440		82.0	1	,	1	1	8	~	079	1930	255	0.74	1
700-749	- 1	3 '		1		1	1	1	1	,	2	744	3395	163	0.83	1
TOTAL	-	249	2110	,	67.0	0	,	1	1	1	4	269	2663 864	798	0.78	0

Biological data by length interval for yellow walleye taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 23.

LENGTH			MALES					FEMALES					70	TOTAL		
(m)	-	Length(mm)	Weight (g)	t(g)	×	-	Length(ms)	Weight (g)	(g)	×	-	ength(mm)	Weight (g)	t(g)	×	24
	=	mean	Bean	SD		•	mean	mean	80		-	mean	Bean	20		Femal
20-329	,	,	1	1	1	1	,	1	1	1	-	328	200	1	1.42	,
50-359	•	1	•	1	,	•	1	1	•	,	2	355	525	32	1.17	8
70-379	-	373	550	,	1.06	i	1		1	1	~	375	909	78	1.15	1
80-389	1	1		1	1	•	•			1	-	383	079	1	1.14	1
90-399	•	1	1	1	1	1	1	•	1	1	-	395	730	1	1.18	1
10-419	-	411	890	1	1.28	1	,	1	1	i	m	412	830	87	1.19	3
20-429	•	1	•	1			•		1	,	-	423	830	1	1.10	1
679-077	1	1	1	1	1	-	877	1050	1	1.17	-	448	1050	•	1.17	1
697-09	1	1	1	1	1	1	1	1	1	1	-	697	1250	1	1.21	1
TOTAL	~	8	Ę	076		-	677	9050			13	701	250	50	6	=

Biological data by age class for burbot taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 24.

AUE				MALES	S						FEMALES	ES						TOTAL	AL.			34
8			Length	1	Veigh	t(g)	×		-	ength	1	Weigh	t(g)	×			Length	1	Weigh	t(g)	×	FEMALE
	c	×	Bean	S	Bean	80		•	34	mean	8	neen	SD		E	3-8	nean	80	Bean	SD		
4	~	m	348	16	278	32	99.0	1	1	1	1	1	1	1	2	2	348	16	278	35	0.66	,
'n	M	4	420	94	767	123	99.0	-	M	687		9	1	0.55	4	m	437	51	530	124	0.63	S
9	10	9	797	67	979	232	0.62	4	10	785	39	733	108	99.0	6	1	225	43	685	183	0.64	77
1	10	13	475	23	169	76	99.0	4	9	445	38	588	150	99.0	14	12	197	30	199	117	0.65	53
00	35	77	887	58	751	117	0.65	17	43	167	28	743	108	0.61	51	75	165	83	672	113	0.63	33
0	54	3	967	97	862	243	99.0	4	35	493	35	741	88	0.62	41	36	667	43	797	221	9.0	37
TOTAL HEAN	22	7	184	3	622	194	0.65	9	eó eó	687	*	227	111	0.62	121	7.	485	3	735	10	99.0	×

Biological data by age class for burbot taken by the 89 mm mesh of survey gillnets during the summer of 1996 from the Resolution Ray area of Great Slave Lake. NT. Table 25.

(y) Length(a) n x mean 4 1 1 359 5 7 464 75 10 14 475	3 8 13							FEMALES	ES						TOTAL	_		1	м
1 1 359 3 4 420 5 7 464 10 14 475		eight	6	×		13	mgth(1	Weight	(b):	×			Length((Veight (g)	t(g)	×	FEMALE
-4-4		rean	05		•	24	nean	18	mean	20		c	24	nean	20	mean	So		
-414		1		97 0	1	1	,	1	,	1		-	-	359	1	300	1	0.65	ı
4-4:				0.00	*	-	780	1	440	1	0 55	4	947	757	51	530	124	0.63	23
7 4 :				8		2	404	-	3	4.00	77.0	0	0	722	27	ARK	183	99 0	77
14		_		0.62		0	784	35	33	9	8		0	315	? ;	3	1		8
1		169	76	9.0	4	10	445	38	288	150	9.0	14	12	100	2	8	110	0.00	G
				77 0		23	207	28	272	108	0.61	67	43	687	82	737	8	0.63	2
1						2 1		1	200	00	67 0	10	22	107	2	74.1	5	63.0	30
2				0.64		6	493	2		8	0.00	8	3		1				
TOTAL 73 478	36	1 90/	127	99.0	9		687	×	222	111	0.62	115		7 0 483	35	114	121	0.63	35

Biological data by age class for burbot taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 26.

1				MALES	5						FEMALES	LES						TOTAL	AL		1	94
1 3	1		Length	(um)	Veigh	t(a)	×		1	ength(î	Length(mm) Weight(g)	(b)	×	1		Length(sm) Veight(g)	1	Weigh	t(g)	×	FEMALE
	2	34	mean SD mean SD	2	Bean	So		•	24	mean	8	mean SD mean SD	20			34	mean	8	Bean	20		
	1	1	1	1	1000	200	87 0	1	1	,	1	1	i	ı	2	07	532	13		93	99.0	i
00 00	2	28	5.52 612	12	1519	200	0.66	1		(i	1	1	M	8	109	8	1502	148	69.0	1
TOTAL 4	4		572	87	48 1272	2 313	0.67	0		١.	1	1	1	,	100	eó.	573	5	41 1312 285	285	69.0	0

Biological data by age class for burbot taken by the 133 mm mesh of survey gillnets during the summer of	1996 from the Resolution Bay area of Great Slave Lake, NT.
Table 27.	

AGE			2	MALES							FENALES	ES						TOTAL	1			H
3			.ength(mm) Weight(g)	3	right(g)		×		-	ength(1	Length(mm) Weight(g)	(a)	*	1		Lengt	(m)	Length(mm) Weight(g)	(6)	*	FENALE
	=	34	s usa	10	een S0			•	34	mean SD	20	Bean	20		c	34	500	8	5	8		
	-	8	100 336 -	,	- 255 -	,	29.0	,	1	'		,	1	,	-	18	100 336	'	255	1	0.67	

Biological data by age class for goldeye taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 28.

NGE				MALES	53						FENALES	55						TOTAL	1			24
3			Length(mm)	1	Veight(g)	(6)	×		2	Length(mm) Weight(g)	-	deight	(B)	×			Length(=)	1	Weight (g)	(6)	×	FENALE
	c	34	Gees	20	mean SD	20		=	34	mean SD m	20	neen SD	80		=	34	mean SD	20	mean SD	20		
5	-	x	275	'	230	1	1.11	1	1	,	1	,	1	1	-	8	275	1	230	1	1.11	
0	-	K	303	1	220	i	0.97		i	1	ì		1	1	-	8	303	1	270	•	0.97	
10	2	20	306	11	340	0	1.20	1		1	1		1		N	3	306	11	340	0	1.20	
11	1		•	•	1	1	1	1 10	8	318	•	410	1	1.27	-	8	318	1	410	1	1.27	•
TOTAL A	4 4	-	762	5	238	*	1.12	-	310	318	1	410	1	1.27	10		100	11	318	8	1.15	8

Biological data by age class for inconnu taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 29.

AGE				MALES	S						FENALES	ES						TOTAL	H.			24
(%)			Length(=)	1	Veight (g)	(6)1	×		-	.ength(mm)	î	Weight(g)	(6)	×			Length(=)	1	Veight(g)	t(g)	×	FENALE
	c	*	Rean	8	6	20		=	×	X mean SD	8	Bean	20			34	uses	20	Bean	20		
2	,	,	,	1	1	1	1	1	1	•	1	,	1	1	-	10	232		100	,	0.80	,
14	-	100	205	1	1280		1.01	1	1			1		1	-	9	205	1	1280	•	٦.	1
4				•	•	1	1	1			•		1	•	-	9	639		2930		1.18	1
-						•	•	1			•		1		M	30	743	33		418	1.24	1
. 10		9	1	•	1	•			•	•		1	•	•	m	30	298	45	6270	1713	1.21	i
0	1				i	i	,	1		•	1	1	1	1	-	9	858	1	130	•	1.22	1
NEAN ACE			205	1	1280	,	1.01	0			1	'	1	,	5	4	38 4	190	4600 2558	2558	1.16	

Biological data by age class for lake whitefish taken by survey gillnets during the summer of 1996 from the Table 30.

MGE				MALES	S						FEMALES	res						TOTAL	1			94
3			Length	1	Weigh	ght(g)	*	1		Length(1	Verigh	t(g)	×	1		Length	1	Veigh	(g)	×	FENAL
	=	34	Mean	80	Bean	8		•	34	-	20	Real	SD		2	24	Bean	20	mean	SD		
9	~	*	316	-	445	1	1.41	2	-	311	X	395	106	1.30	5	-	319	100	977	74	1.34	20
	9	10	330	2	787	184	1.31	10	M	321	23	433	36	1.29	13	m	326	22	463	137	1.30	2
	14	9	330	27	127	143	1.28	5	M	339	8	296	179	1.49	2	10	335	28	523	174	1.34	92
1	28	13	340	56	541	158	1.34	28	15	356	8	655	183	1.42	63	14	351	22	623	200	1.39	20
00	24	11	367	26	222	164	1.45	23	13	379	52	806	197	1.46	51	12	373	27	76%	178	1.46	65
0	8	13	111	28	808	198	1.48	2	11	385	28	849	201	1.46	25	13	381	82	828	195	1.47	41
10	1	-	308	14	920	156	1.46	2	14	407	27	1038	310	1.51	24	12	705	2	975	243	1.48	25
=	19	14	907	22	616	185	1.46	2	12	411	27	1068	222	1.52	25	12	404	X	686	208	1.48	117
12	1	14	907	28	1001	212	1.48	54	13	423	28	1154	277	1.51	25	13	414	8	1070	251	1.49	4
-	17	×	027	38	1149	241	1.53	15	80	421	21	1152	255	1.52	37	0	423	54	1166	231	1.53	27
14	. 4) PF	9	1	1428	358	1.63	60	7	777	33	1418	677	1.57	14	m	443	31	1422	397	9.1	25
4) H	, 4-	213	18	1060	2	1.50	m	N	473	3	1453	344	1.38	1	2	439	87	1244	285	1.47	20
19	10	-	957	51	1350	212	1.44	~	-	780	11	1675	2	1.52	4	-	894	12	1513	227	1.48	20
100	-	0	503	•	2190	•	1.72			1	1	1		,	-	0	503		2190	'	1.72	,
N.	216							182			!		1		435		1	!	1	1	:	:
3 3	14	0	363	14	847	309	7		0	33	43	2	3	27.		6	9.7	¥	6	9	9	ş

Biological data by age class for lake whitefish taken by the 89 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 31.

3				MALES	ES						FENALES	ES						TOTAL	¥F			н
			Length	1	Veigh	(6) t	×		7	ength	î	Weigh	£(8)	×			Length	(Veigh	t(g)	×	FEMAL
	•	и	Bean	20	Mean	20		•	24	nean	20	Bean	SD		c	H	mean	SD	Bean	8		
4	2	N	316	-	445	1	1.41	2	141	311	52	395	106	1.30	5	2	319	18	077	74	1.34	20
-	In	4	318	13	412	37	1.28		80	326	8	454	88	1.30	11	15	323	19	077	3	1.29	20
9	14	6	330	27	125	143	1.28	4	5	332	54	550	168	1.46	18	00	331	82	687	148	1.32	22
1	23	2	334	8	208	127	1.33		23	352	53	979	185	1.40	67	2	343	92	568	169	1.37	9
60	16	13	368	56	726	186	1.43		15	376	82	785	201	1.45	32	14	372	22	752	185	1.44	45
0	18	15	370	30	751	213	1.45		00	370	39	733	254	1.40	35	14	373	32	767	216	1.44	28
10	10	10	399	17	176	214	1.47		19	707	22	366	18	1.50	22	12	405	2	28	193	1.48	3
11	14	12	389	22	861	200	1.44		100	390	54	116	183	1.52	2	0	389	22	878	191	1.47	33
12	11	6	396	17	930	143	1.49	4	5	413	18	1170	569	1.64	15	1	401	18	36	202	1.53	27
13	1	5	419	53	1086	253	1.45	2	m	607	16	1105	35	1.63	12	5	419	22	1132	210	1.53	22
14	-	-	459	1	1590	1	1.6	2	m	427	92	1205	577	1.52	m	-	437	92	1333	386	1.56	29
15	-	-	405	1	1030	1	1.55	-	-	437	1	1250	1	1.50	2	-	421	23	1140	156	1.52	20
16	1	1	•	1	•	1	,	2	m	780	11	1675	\$	1.52	2	-	780	1	1675	2	1.52	1
TAL.	124		***		1			98		76.			0,1	37 1	556		Ē	9	177	280	27 +	67
AN AG		10	8 8	2	3	CIS	3		60	. so .	7	2	200	?		00	8.8	?	5	69	2	,

Biological data by age class for lake whitefish taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 32.

				MALES	S						FEMALES	ES						TOTAL	1			м
(%)			Length	1	Weight(g)	(b)	×		1	ength(1	Weight(g	(6) t	×	1		Length	(11)	Weigh	ight(g)	×	FEMALE
	2	34	nean	18	Bear	8		2	34	mean	20	Bean	SD		c	34	Bean	SD	mean	SD		
v	-	0	1007	1	855	1	1.44	-	N	298	1	330	1	1.25	2	-	344	9	593	371	1.34	20
1 4	- 1	4 1	2 1		3 1	1		-	2	365	1	782	1	1.61	2	-	374	13	826	62	1.58	1
9 10	P	W	782	17	813	133	1.61	9	0	365	54	703	130	1.44	13	6	378	34	801	208	1.46	29
- 0	2	14	3	10	302	120	67 1	10	15	383	22	833	199	1.47	19	14	374	27	786	168	1.49	26
0 0	5	10	782	200	887	126	1 53	0	16	388	138	825	223	1.40	20	14	387	18	880	127	1.51	27
	2 0	14	107	3 2	3	8	10	. 49	0	705	19	952	270	1.44	16	12	397	15	889	184	1.42	43
	0 0	2 4	807	2 8	776	147	1 39	00	12	415	2	966	285	1.38	18	13	410	8	366	181	1.43	25
- 0	**	2 2	207	12	981	242	1 63	13	2	416	28	1082	252	1.48	28	8	412	30	1026	544	1.45	87
u #		3 "	202	, ,	26	3	1.53	1	=	412	15	1020	187	1.45	12	0	416	54	1050	174	1.45	2
2	9 0	1 H	740	- 5	1690	8	1.61	. ~	-	424	33	1145	389	1.47	4	m	977	37	1418	786	1.54	20
* u	4 *	0	107	3 1	1000	1	1.55	2	m	765	F	1555	417	1.32	m	2	197	2	1370	436	1.39	29
19	-	N	765	1	1500	1	1.26	1		1	1	1	•	1	-	-	765	1	1500	,	1.26	,
N K	8	5	398	23	931	244	1.46	59	0	3 400	29	943	285	1.44	138	10.	7 400	*	176	354	1.46	52

Biological data by age class for lake whitefish taken by the 133 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 33.

39				MALES	ES						FEMALES	ES						TOTAL	-			34
2			Length	1	Veigh	t(g)	×		1	ength(1	Veigh	(6) t	×	1		Length	(111)	Weigh	t(g)	×	FENALE
	•	34	Been	8	Bean	20		•	34	Bean	95	Been	20		c	94	mean	8	mean	SD		
~	1	,	1	1	1	1	1	-	м	397		970	1	1.55	-	-	397	,	970	1	1.55	1
0	-	M	402	1	1060	1	1.63	4	12	907	12	8	103	1.49	'n	2	405	11	1008	36	1.52	8
0	N.	16	107	12	963	4	1.49	4	12	523	25	1343	574	1.67	11	16	410	30	1105	370	1.56	75
=	1	22	410	19	1089	93	1.58	9	19	430	22	1257	143	1.58	13	19	419	23	1166	143	1.58	94
2	9	19	423	52	1180	36	1.56	1	2	777	20	1278	319	1.47	14	2	434	92	1240	545	1.51	24
M	1	2	431	x	1289	218	1.61	9	19	436	2	1322	287	1.57	13	2	433	23	1304	539	1.59	94
4	M	0	418	17	1200	176	1.64	4	12	163	2	1660	775	1.65	1	9	777	*	1463	411	7.0	57
10	-	M	434	1	1150	1	1.41					1	1	1	~	m	454	15	1160	14	1.53	1
9	-	m	420		1200	1	1.62	•			•	1	1	,	-	-	420	1	1200	1	1.62	1
90	-	M	503	1	2190	1	1.72	1	1	ı	1	1	1	•	-	-	503	1	2180	'	1.72	1
3 - 3	24	\$	627	8	1179	252	1.58	PH .	:	45	8	1293	347	1.56	38	:	426 11 8	28	1229	304	1.57	8

Biological data by age class for longnose sucker taken by survey gillnets during the summer of 1996 from the Table 34.

AGE				MALES	S						FENALES	ES						TOTAL	71			24
ch		-	Length(==)	1	Weight(g)	(6)1	×		1	ength(=)	1	Veight(g)	t(g)	×			Length(mm)	1	Weight(g)	(6)	×	FEMALE
	c	34	Lean	20	Bean	20		•	24	Bean	SD	mean	SD			н	mean	20	mean	Q5		
4			210	1	977		1 48	'	1	1	,	1	1	1	-	0	310		077	,	1.48	1
e u	- 14	- 0	141	11	107	51	1.36	1	1	1	1	1	i	1	m	-	331	11	493	51	1.36	•
n 4	n w	u 4	3	0	729	122	1.30	1	i		1	1	1		S	~	362	19	634	122	1.32	
0 1	, w	. 4	147	9	32	18	1 28	~	2	370	00	599	35	1.31	60	m	382	8	252	16	1.29	
- a	14	* **	17	18	069	100	1.30	110	4	807	36	910	280	1.31	11	4	397	33	819	223	1.29	26
0 0	0	1	007	2	1037	202	1 20	00	1	434	23	1070	162	1.31	17	~	431	8	1052	235	1.30	
100	. 0		727	4	1000	272	1.30	11	0	897	21	1354	190	1.32	21	80	455	35	1250	33	1.31	
2 :	10,	- 00	77		1162	250	1 27	11	0	787	28	1406	244	1.21	2	100	897	38	1280	276	1.24	
12	34	, m	057	36	1222	101	1 34	13	1	967	37	1533	589	1.23	30	12	224	39	1365	573	1.31	
4	14	2 10	227	9	1118	280	1.26	35	7	567	R	1487	221	1.22	9	16	485	28	1427	852	1.24	
77	9 9	14.	377	2 2	1247	28%	1 33	3	7	515	45	1794	697	1.29	4	11	767	83	1609	452	1.31	
*	9 6		782	3 6	1517	155	3	11	0	237	37	1945	207	1.24	20	60	517	97	1769	371	1.27	
2;	- 0	0 4	3 8	7 7	1514	121	2 2	. 4		285	17	2420	180	1.23	15	9	531	84	1929	187	1.27	
0 !	0 4	0 1	207	2 5	1575	27.7	200) 1		!	. 1		'		4	N	564	97	1575	333	1.29	
	* 4	7 1	225	3 %	2003	110	2 2	1		1	1	1	i		9	2	536	92	2003	339	1.29	•
0 0	0 1	, ,	663	3 5	2400	204	1 22	-	+	209	1	2660	i	1.22	4	N	265	87	2240	260	1.22	23
2 2	9	4	275	, 1	1900		1.15	. 1	. 1	'	1	1	ï	,	2	-	526	333	1810	127	1.25	•
22	-	-	260	i	1940	1	1.10	1	1	1	1	1	1	1	-	0	260	1	1940	'	1.10	'
1	126							117							253			-		!		
AN AGE	:		454	26	1259	435	1.30	*	2	567	51	1571	225	1.26	5	4	727	R	1411	17	97.1	9

Biological data by age class for longnose sucker taken by the 89 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 35.

391				MALES	S						FEMALES	LES						TOTAL	AL.			24
3			Length	1	Verigh	ight(g)	×		-	ength(î	Weigh	ght(g)	×	1		Lengt	h(m)	Veigh	eight(g)	×	FEMALE
	=	34	mean	SD	mean	SD		c	24	Bean	S	Bean	SD		E	3-6	mean	SD	mean	SD		
4	-	2	310	1	077	1	1.48	1	1	,	1	1	1	,	-	-	310	1	077	,	1.48	,
10	m	9	331	11	493	51	1.36	1	•	1	ı	1	1	,	100	*	331	11	493	51	1.36	
9	5	9	362	19	634	122	1.32	1		•	•	1	1	,	101	9	362	19	634	122	1.32	,
~	5	10	387	39	752	502	1.28	2	9	370	00	999	35	1.31	80		385	30	726	164	1.29	2
00	4	90	375	18	069	102	1.30	m	10	390	23	763	178	1.28	0	11	388	30	750	148	1.27	43
0	80	16	422	R	676	140	1.26	4	13	421	15	998	8	1.30	12		422	23	955	122	1.27	33
10	5	10	428	27	980	333	1.21	m	10	797	X	1330	114	1.34	00	•	745	42	1111	316	1.26	38
_	5	10	430	4	1020	274	1.26	m	10	510	17	1650	762	1.24	80		097	28	1256	417	1.25	22
01	2	4	437	21	1020	212	1.21	N	9	094	7	1175	219	1.21	4		677	30	1098	198	1.21	2
-	4	00	450	35	1048	230	1.13	60	92	787	15	1333	136	1.19	12	-	471	92	1238	214	1.17	29
	m	9	797	27	1317	226	1.33	5	16	517	2	1778	820	1.22	80	10	964	62	1605	675	1.26	63
10	2	4	476	2	1435	2	1.34	-	m	554	1	2430	1	1.43	100)	4	505	27	1767	575	1.37	33
	-	2	495	1	1490	1	1.23	1	1	1	1	1	1	,	-	-	495	1	1490	1	1.23	9
-	-	N	200	1	1540	1	1.23	1	,	1	8	1	1	,	-	-	500	1	1540	1	1.23	j
01	-	2	260	1	1940	í	1.10	1	1	1	1	1	1	,	-	-	260	'	1940	,	1.10	1
1	20							3							*							
N AG	IGE	10	416	22	75	346	1.27		1	11.3	29	1315	519	1.33		11	433	61	1076	451	1.26	38

AGE				MALES	S						FEMALES	ES						TOTAL	1			24
3			Length	1	Veight (g)	(6) t	×		1	ength(s	1	Veight(g	(B):	×			Length(==)	1	Weight (g)	t(g)	×	FENALE
	=	24	-	20	-	SD			24	Bean	So	Bean	20			34	Bean	8	Bean	8		
80	1	,	,	1	,	1	,	2	10	435	21	1130	762	1.36	2	N	435	12	1130	762	1.36	
0	1	•		9	•	1	1	1	1	777	28	1133	170	1.29	m	1	777	28	1133	2	1.20	1
0	~	1	735	19	1070	171	1.32	4	10	199	92	1233	232	1.25	1	100	677	27	1163	210	1.28	25
=	4	0	199	22	1243	185	1.22	1	11	929	18	1299	191	1.20	=	12	173	19	1278	165	1.21	8
12	0	2	977	27	1190	163	1.34	5	12	987	n	1438	160	1.26	15	16	657	31	1291	197	1.35	25
13	*0	17	478	27	1414	159	1.29	0	12	967	28	1526	278	1.24	17	19	987	52	1473	230	1.27	53
14	11	54	458	35	1297	265	1.34	1	17	200	87	1573	412	1.24	18	2	475	7	1404	347	3	39
15	-	~	697		1370	•	1.33	m	~	523	90	1797	276	1.25	S	2	513	28	1678	220	1.24	2
16	40	13	887	18	1498	134	1.29	2	5	587	=	2580	113	1.28	60	0	513	87	1769	515	1.3	8
17	-	~	277		1180		1.32		1	9	9	1		,	-	-	1777	1	1180	1	1.32	9
18	-	~	552		2310		1.37	8	1	1	9	1	•		-	-	552	1	2310	9	1.37	1
19	2	4	533	*	1870	622	1.21	1	1	1	9		•	,	N	~	533	54	1870	229	1.21	9
20		1	•	1	1			,	,	1	,	,	•	,	-	-	503	1	1720	,	1.35	1
TAL	3							24						1	2							!
HEAN AG	94	13	13.6	36	1349	28	1.31		12.	2 488	5	1480	391	1.3		13	13.0	9	1418	345	1.28	3

Biological data by age class for longnose sucker taken by the 133 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 37.

MGE				MALES	10						FENALES	LES						TOTAL	AL.			24
(4)			ength(3	Weight (g)	(6)	×		-	ength(1	Veigh	£(8)	~	1		Length	(Weigh	eight(g)	×	FEMALE
	•	34	nean	20	mean	20		E	24	Mean	8	meen	05		E	24	mean	80	2	20		
0	1	m	785	1	072	1	1.55	-	2	455	8	1290	1	1.37	2	M	697	19	1515	318	1.46	8
0	-	m	027	,	1720	•	1.66	9	0	478	14	1493	111	1.37	9	60	674	13	1535	126	1.40	8
1	*	M	977	1	_		1.52	-	N	495		1430		1.18	N	m	127	35	1390	57	1.35	2
12	5	17	197	18	_	161	1.39	9	14	525	×	1732	200	1.22	11	14	767	41	1563	282	1.30	55
m	4	13		_	-	391	1.32	1	16	200	13	1614	8	1.23	11	14	167	K	1563	238	1.28	8
4	4	13				389	1.31	13	2	521	×	1920	293	1.35	100	12	513	3	1817	×	1.34	76
5	4	13		1 22	-	180	1.37	1	16	541	57	1939	873	1.21	12	15	525	1	1808	38	1.26	3
9	2	1		-	_	88	1.27	4	0	25	8	2340	156	1.21	1	0	553	42	2113	395	1.24	29
1	2	2			_	233	1.30		-		8		1		N	M	519	37	1815	233	1.30	8
80	4	13				293	1.23	*	*						4	in	541	35	2043	293	1.29	1
6	-	M	591	1	0952		1.24	-	N	609	8	2660	8	1.22	~	m	265	60	2610	K	1.23	8
0	-	m	549	1	0061	1	1.15	1	1	1	1	1	١	1	-	-	549	1	1900	•	1.15	ſ
7,	30		307	5	2771	92	22.	3		25	17	1870	6	4 33	10		643	27	1762	1	5	9
N AGE	884	14.				3	6		13	2 5		3				13	13.9		3	-	3	-

Biological data by age class for northern pike taken by survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 38.

AGE				HALES	83						FEMALES	ES						TOTAL	-1			94
(4)	1		Length	1	Veight	(b)	×		1	ength(î	Weight	(6):	¥			Length	1	Veight(g)	(b)	×	FEMAL
	E	94	Been	20	mean	8		e	94	mean	8	mean	80		ε	24	mean	8	mean	20		
4	-	0	027	1	220	1	69 0	-	~	552	1	1310	1	0.78	2	147)	511	88	1015	417	0.74	8
·	- 4	0	287	16	787	158	29.0	*	1	545		2080	i	1.28	N	1	667	8	1043	288	0.80	8
1 4	-	11	895	51	1319	2	0.71	M	8	265	10	1472	808	0.65	0	13	8	99	1386	24	69.0	R
-	1 00	18	895	3	1653	867	0.76	2	13	9%	65	1123	12	D.7	11	16	260	X	1360	453	0.75	8
- 00	7 6	2 5	809	K	1633	616	0.72	4	22	929	25	1932	599	0.74	8	8	614	3	1738	589	0.72	5%
0 0	3 4	3 5	615	25	1484	8	0 71	-	8	999	20	2142	33%	0.74	0	13	3	53	188	477	P.0	200
	0		199	9	220%	15	20	•	1	657		2230		0.73	4	9	663	43	2210	8	C.0	333
2 5	4 6	1 0	650	4 "	2285	1	0.80		. 1	1		1	1	1	m	4	199	13	2107	376	92.0	1
- 6	9 6	1	700	, II	179%	161	20	-			9		1	1	117)	4	652	87	0622	9865	0.81	
2 10	ı =	10	840	1	5597	1	0.76	1	1		1			1	-	-	849	1	4655		0.76	1
15	-	N 1	99	1	2455	1	0.85	1	1	1	1	1		1	-	-	999	4	2455		0.85	'
TAL	3		700	8	62.54	2%	2	15		610	3	324	655	0.76	38		\$09	11	1701	708	0.76	10
M M	391	(40)	8.0	ō	3	661	2		7	7.3	3	1	-			80	8.0					

Biological data by age class for northern pike taken by the 89 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 39.

(y) Length(sm) W 4	MALES					FEMALES	537						TOTAL	11			14
1 3 470 - 14 15 16 16 17 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Veight) K			Length(1	Weigh	(6) ₁	×			Length	1	Weigh	t(g)	×	FEMALE
4 13 470 - 4 15 487 14 5 16 569 51 7 22 561 56 9 59 59 59 59 59 59 59 59 59 59 59 59 5	mean	28	e	94	mean	20	5	8		E	94	5	20	See.	20		
22 567 14 7 22 561 56 7 22 561 56 9 28 563 44 1 3 715 - 1	_		-	10	552		1310	1	0.78	2	4	511	22	1015	417	0.74	8
5 16 569 51 7 22 561 56 9 28 563 44 1 3 715 1 1 3 655 1			-	10	545	ŧ	2080	ŧ	1.28	5	11	667	8	1043	28	0.80	8
7 22 561 56 9 28 563 44 9 28 563 44 13 9 612 73 11 3 655 1 1 3 580 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1 1 3 580 1			~	8	35	67	1018	258	9.0	1	16	38	3	1233	318	69.0	8
3 28 563 44 73 73 73 73 73 73 73 73 73 73 73 73 73		500 0.76	10	8	35	67	1123	12	D.71	10	2	554	8	1305	438	0.74	22
3 9 612 73 1 3 655 -			2	8	865	16	1555	100	0.76	12	22	571	3	1361	312	0.72	100
1 3 655			-	10	633	-	1970		0.78	4	0	617	19	173	Š	0.73	N
1 3 580				10	457	ŧ	2230	ŧ	20	M	1	199	53	2268	53	0.78	2
1 3 580				1	,	-	'	8		-	N	655	9	2500	0	0.89	i
	1682	- 0.86	1	•	ı	ŧ	ì		1	-	N	280	1	1682	9	0.86	1
TOTAL 32 564 64 1	1372 \$	548 0.73	0,	,	573	67	1498	827	0.78	57	7	295	86	1407	517	92.0	35

Biological data by age class for northern pike taken by the 114 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 40.

39				MALES	53						FEMALES	80						TOTAL	1			H
(4)			Length	1	Veigh	t(g)	×		7	ength(1	Weigh	(6)	×			Length	1	Veigh	t(8)	×	FEMALE
		14	usau	8	Been	20		E	24	nean	8	Bean	8		•	24	CESS	8	5	25		
9	1		,	1	1	1	,	-	8	710	-	2380	ŧ	99.0	2	10	159	20	1920	159	0.69	ŧ
1	-	0	029	1	1909	i	0.80	i	ı			•	•	•	-	2	83	i	1909	•	0.80	
60	m	27	208	22	2473	394	69.0	N	3	289	4	5309	180	0.73	1	32	683	3	2330	454	0.72	3
0	N	18	23	29	1655	902	69.0	2	3	719	3	6222	755	0.72	S	10	159	45	2002	399	0.70	2
0	-	0	029		2036		0.68					1	1	1	-	5	29	1	2036		0.68	
11	-	0	39	1	2070	1	0.71		i				1	1	-	10	3	į	202	ŧ	D.71	
2	-	0	129	1	1909	1	0.77	1	ŧ		1	1	1	1	*	5	627	1	1909	1	0.77	
M	-	0	678		5595	•	0.76	i	1			-		1	*	5	678	1	4655		0.76	ı
5	-	0	98	1	5455	1	0.85	i	1	1	i i	i	ī	į	-	10	099	i.	2455		0.85	
14.	11		119	8	2362	558	0.73	10		789	%	1622	85	17.0	8		673	8	1922	38	0.73	34
N AGE		10.0							8.0	0						0	9.1					

Biological data by age class for northern pike taken by the 133 mm mesh of survey gillnets during the summer of 1996 from the Resolution Bay area of Great Slave Lake, NT. Table 41.

AGE				MALES	ES						FEMALES	537						TOTAL	AL.		1	н
8			Length	1	ength(sm) Weight(g)	t(g)	×		7	Length(mm) Weight(g)	î	Weight	(6)	×			Length(mm) Weight(g)	1	Weigh	t(g)	×	FENALE
	c	14	Bean	8	ueen.	80		c	24	% mean SD mean	8	mean	20		E	н	mean S0	20	8	20		
00	*	8	277	1	2110	,	0.70		1	1			1	1	-	12	643	1	2110	1	0.79	
	- 1	3 1	} '	1	1	1		1	-	1		1	1	1	-	33	637	ŧ	1750	i	0.68	•
12	1	1	í	, 1	•	1	1	1	1	1	•	1	£	i	-	13	748		3280	•	0.78	
TOTAL 1 MEAN AGE	- 4	00	539	1	- 2110	,	6.73	0		1	- (F	i.	(.	м	10	676	3	2380 800	8	0.75	0

Table 42. Symptoms and diagnoses of diseased fishes collected from Resolution Bay, Great Slave Lake, NT, in 1996.

SPECIES	FORK LENGTH (mm)	ROUND WEIGHT (g)	SYMPTOMS OBSERVED	DIAGNOSIS
burbot	496	730	2 lesions(2-3 mm dia.) on left flank	A variety of lesions and epithelial abrasions.
	509	600	epithelial necrosis dorsal to operculum on left side	Pseudomonads are common opportunistic waterborne pathogens that can cause the types of lesions observed in these fish. When
	531	800	3 lesions (0.5-1.5 mm dia.) on the head, left flank, and caudal areas	these, and other opportunistic waterborne organisms, gain access to the fish via abrasions or other wound-type injuries they
	559	960	2 lesions (20 mm die.) on left operculum	can produce necrosis (i.e. kill tissue) and an inflammatory response. <u>Pseudomonas</u>
		9.	lesion dorsal to operculum on right side	paucimobilis was the predominant bacterial species isolated from these fish.
longnose	461	1220	flank lesion, left side lateral surface	
sucker	528	1900	lesion on right flank between dorsal and anal fins	
lake whitefish	đ	•	small red lesions in scale pockets on flanks and ventral surface	
burbot	508	730	inflammation of palatine teeth area	Pseudomonas spp. were isolated from one of the affected burbot. Pseudomonas has been
	530	800		implicated in a similar condition observed in cultured salmonids. On gross examination, the inflamed oral cavity resembles enterior
	530	940		redmouth disease which is caused by Yersinis ruckeri.
burbot	503	760	pale, discoloured liver	Tests for bacteria were negative. This suggests that the condition may be related to diet (e.g. high fat) or to other causes
	133	2390		Toxicological analyses or properly fixed tissue for histopathological study might provide a clear cause.
longnose sucker	345	760	herizental curvature of the spine	Scoliosis.
lake whitefish		*	mottled reddish-brown discoloration of the adipose tissue of the viscera	Cause unknown,
cisco	241	130	Raise fluid-filled lump ("20 mm dia.) on right mid-flank, posterior to operculum. Contents pearly-white in colour and oily in appearance.	Cause unknown. Parasites were not found An unidentified bacterium was isolated from the oily fluid but it is not known whether i was responsible for the fluid production.

Appendix 1. Harvests by the Fort Resolution Aboriginal food fishery from Resolution Bay of Great Slave Lake during the 1994-97 fishing seasons.

SPECIES			FISH LANDED veight in kg)	
	1994/5*	1995/6 ^b	1996/7°	1997/8 ^d
burbot	1,368	4,157	1,732	3,215
	(2,736)	(8,314)	(3,464)	(6,430)
inconnu	568	570	27	265
	(1,704)	(1,710)	(108)	(1,060)
lake cisco	o	995 (995)	918 (459)	202 (101)
lake trout	O	18 (54)	0	0
lake whitefish	3,040	4,842	3,410	5,329
	(3,040)	(4,842)	(3,410)	(5,329)
northern pike	2,717	1,727	1,681	816
	(5,434)	(3,454)	(3,362)	(1,632)
sucker (longnose and white)	2,005	2,785	2,295	3,664
	(3,008)	(4,177)	(2,295)	(3,664)
walleye	113	487	228	218
	(113)	(487)	(228)	(218)
other	19 (19)	0	0	0
TOTAL	9830	15581	10291	13709
	(16054)	(24033)	(13326)	(18434)

^{*} These data, collected between 15 June and 21 October 1994, represent an unknown percentage of the total annual harvest from Resolution Bay (DFO 1996).

These data, collected between 1 April 1995 and 31 March 1996, represent the total annual harvest (±10%) from Resolution Bay (DFO 1997).

These data, collected between 5 June 1996 and 31 March 1997, represent an estimated 90% of the total annual harvest from Resolution Bay (DFO 1998).

These data, collected between 2 June 1997 and 31 March 1998, represent an estimated 90% of the total annual harvest from Resolution Bay (G. Low, unpubl. data).

Appendix 2. Harvests by the Fort Resolution Aboriginal food fishery from the Little Buffalo River during the 1994-97 fishing seasons.

SPECIES			F FISH LANDED I weight in kg)	
	1994/5*	1995/6 ^b	1996/7°	1997/8 ^d
burbot	46 (92)	0	1 (2)	96 (192)
inconnu	3 (9)	0	0	0
lake whitefish	9,034 (8,040)	10,327 (10,327)	5,514 (5,514)	7,700 (7,700)
northern pike	8,405 (16,810)	1,054 (2,108)	4,895 (9,790)	449 (898)
sucker (longnose and white)	75 (113)	5 (5)	0	81 (81)
walleye	1 (1)	151 (151)	5 (5)	34 (34)
other	2 (2)	0	0	0
TOTAL	17566 (25,067)	11537 (12591)	10415 (15311)	8360 (8905)

^{*} These data, collected between 22 September and 21 October 1994, represent an estimated 90% of the total annual harvest from the Little Buffalo River (DFO 1996).

These data, collected between 22 September and 21 October 1995, represent an estimated 90% of the total annual harvest from the Little Buffalo River (DFO 1997).

These data, collected between 21 September and 20 October 1996, represent an estimated 90% of the total annual harvest from the Little Buffalo River (DFO 1998).

These data, collected between 20 September and 21 October 1997, represent an estimated 90% of the total annual harvest from the Little Buffalo River (G. Low, unpubl. data).

Appendix 3. Location and physical description of sampling sites when gillnets were set and pulled.

Site	Coordinates	Set date (time)	Pull date (time)	Wind	Wave	Cloud	Air	Depth			Water temp	Water temperature (°C)		
				+ velocity (km/h)	(m)	3	ra		Surface	1 m	2 m	3 m	4 m	5 3
-	61°09.705'N,113°45.892'W	24 June (1615 h)		0	0	0	22.1	4-5	22.3	12.7	11.8	11.2	10.2	8.5
			25 June (1045 h)	315	9.0	,0	15.4		16.0	14.6	14.3	13.4	13.3	11.6
	61'09.766'N,113'45.988'W	25 June (1030 h)		S15	9.0	,0	15.4	4-5	16.0	14.6	14.3	13.4	13.3	11.6
			26 June (0810 h)	SSE15	0.3	,0	16.4		14.6	13.9	13.4	13.1	12.8	12.7
	61*09.766*N,113*45.988*W	26 June (1015 h)		SSE15	0.3	,0	16.4	4-5	14.6	13.9	13.4	13.1	12.8	12.7
			27 June (1010 h)	SE15	0.5	0,	15.8		12.5	12.5	12.5	12.4	12.4	12.4
	61*09.766*N,113*45.988*W	27 June (0812 h)		SE16	9.0	,0	15.8	9	12.5	12.5	12.5	12.4	12.4	12.4
			28 June (0813 h)	SE10	0.3	8	14.5		13.3	13.2	13.1	12.8	12.6	12.4
2	61°08.994°N, 113°46.373°W	3 July (0900 h)		SSW25	1.0	1001	12.5	4-6	13.3	13.3	13.3	13.3	13.3	
			4 July (0930 h)	0	0	,0	15.4		16.2	14.7	14.5	14.4	13.7	13.6
9	61°08.664°N,113°47.467°W	4 July (0830 h)		0	0	,0	15.4	7.5-	15.0	14.3	13.4	13.3	13.2	13.3
			5 July (0825 h)	E26	9.0	100	15.4		14.1	14.0	14.0	14.0	13.9	12.9
+	61°08.873'N,113°45.615'W	8 July (4 0060)		\$25	9.0	70	16.2	6-8	13.1	13.1	13.1	13.1	13.1	13.1
			9 July (0825 h)	SE	0.3	15	16.6		14.2	14.1	14.0	14.0	13.8	13.4
9	61*05.919*N,113*47.484*W	9 July (0825 h)		35	0.3	15	16.6	10	14.2	14.1	14.0	14.0	13.8	13.4
			10 July (0826 h)	£10	0.2	40	16.9		14.9	14.7	14.7	14.3	12.8	12.5

Appendix 3. Continued.

-	-	-	-	-			-		3		_	-	_		-		_
	5 m	12.3	14.2	14.2	6	19.1	10.6	10.6	6.7	6.4	6.9		6.7	9.6	6.7	80.	9.4
	4 m	12.8	14.4	14.4	,	15.1	10.6	10.6	7.0	6.7	12.0	6.7	7.1	11.7	1.0	9.0	9.6
rature (°C)	3 m	14.5	14.4	14.4		15.1	10.7	10.7	12.1	11.4	12.3	11.6	10.7	11.7	80 137	9.3	10.1
Water temperature (°C)	2 m	14.8	14.5	14.5	,	15.1	10.7	10.7	12.3	11.7	12.4	11.6	11.7	12.0	80.	6.9	10.5
	1 3	14.9	16.1	15.1		15.1	10.7	10.7	12.4	11.9	12.5	11.6	11.8	12.0	6.6	6.9	10.7
	Surface	14.9	15.4	15.4		15.1	10.7	10.7	12.4	12.0	12.6	11.7	11.8	12.1	10.1	9.3	10.8
Depth		6.4				80		0		6.5		6.5		12		12	
Air	ra	16.9	18.4	18.4		15.1	12.2	12.2	13.2	13.2	13.9	13.9	14.2	11.7	11.1	11.1	11.2
Cloud	(%)	40	90	90	*	10	30	30	0	0	40	40	100	100	100	100	40
Wave	(m)	0.2	0.3	0.3	3.3	9.0	9.0	9.0	0.2	0.2	0.2	0.2	0.3	1.0	0.6	9.0	0.5
Wind	+ velocity (km/h)	E10	NW10	NW10	NW36	NE15	NE15	NE15	E10	610	E5-10	E5-10	NE10-15	NE20-25	0	0	W10
Pull date			11 July (1600 h)		12 July (1400 h)		16 July (0930 h)		17 July (0930 h)		18 July		19 July (1080)		6 August 10820 hi		8 August
Set date	tome	10 July (0754 h)		11.3uly (1425 h)		15 July (1000 h)		16 July (0755 h)		17 July (0747 h)		18 July (0815 h)		6 August (1100 h)		7 August 10755 hi	
Coordinates		61'05.053'N,113'49.429'W		61'02.617'N,113'52.728'W		61°07.812'N,113°41.396'W		61°06.193°N,113°42.373°W		61°05.404°N,113°43.394°W		61'03.641'N,113'46.138'W		61*08.106*N,113*51.614*W		61'08.003'N,113'53.887'W	
Site		100		1		60		6		10		=		12		13	

Site	Coordinates	Set date (time)	Pull date (time)	Wind	Wave	Cloud	Air	Depth (m)			Water temperature (°C)	erature (°C)		
				+ velocity (km/h)	(m)	(%)	רכז		Surface	1 m	2 m	3 m	4 m	5 m
14	61'07.928'N,113'56.926'W	8 August (1000 h)		W10	0.5	40	11.2	12	8.2	8.2	8.1	8.0	8.0	7.8
			9 August (0805 h)	S5-10	0.5	90	12.2		10.6	10.6	10.4	8.7	7.8	7.8
15	61°07,963°N,113°47,841°W	12 August (0910 h)		85-10	0.3	90	15.4	× 00	12.5	12.5	12.5	12.3	11.5	10.8
			14 August (1015 h)	N10-15	9.0	20	13.7		12.2	12.2	12.1	12.1	12.1	12.0
16	61°09.873°N,113°47.436°W	14 August (0835 h)		N10-15	9.0	90	13.7	> 5	16.0	16.0	15.9	15.5	15.3	14.8
			15 August (1330 h)	WS	0.2	0	15.4		14.0	13.8	13.6	11.7	11.4	11.3
17	61'09.128'N,113'41.215'W	15 August (1230 h)		WE	0.2	0	15.4	4-5	15.9	14.9	14.7	14.6	14.0	13.4
			16 August (0845 h)	65	0.2	0	12.1		13.5	13.5	13.5	13.4	13.4	12.2
18	61°11.744°N,113°47.610°W	19 August (1155 h)		0	0	25	16.9	× 25	14.3	13.3	13.2	13.1	11.7	7.2
			22 August (0915 h)	SE15-20	1	15								
19	61°09.686'N,113'41,113'W	22 August (1200 h)		W10	0.3	100	12.6	> 5	12.7	12.8	12.7	12.7	12.7	12.7
			23 August (0820 h)	W10	0.3	100	12.6		12.7	12.8	12.7	12.7	12.7	12.7

amoke 2 a " indicates that no data are available, generally due to rough water.

Appendix 4. Biological data from fish collected at Resolution Bay, Great Slave Lake, NT, 26 June - 23 August 1996, organized by species, collection date, sampling site, and gillnet mesh (stretched measure).

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Conditi
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Facto
URBOT (Lo	ta lotal								
250696	1	114 mm	BROO1	590	1355	m		10	0.66
250696	1	114 mm	BRO02	635	1727	m		17	0.67
250696	1	114 mm	BR003	592	1291	m		10	0.62
250696	1	114 mm	BROO4	530	1055	m		12	0.71
250696	1	114 mm	BR005	526	1164	m		12	0.80
250696	1	114 mm	BROO6	541	1091	m		8	0.69
260696	1	133 mm	BRO07	730	2809	m		18	0.72
260696	1	133 mm	BROO8	688	1973	m		14	
260696	1	133 mm	BRO09	675	2345	m		13	0.61
260696	1	133 mm	BRO10	706	2618	m		18	0.76
260696	1	133 mm	BRO11	726	2155				0.74
260696	1	133 mm	BRO12	336	255	m		14	0.56
260696	1	114 mm				m		4	0.67
260696	1	114 mm	BRO13	597	1318	m		11	0.62
260696	,	114 mm	BR014	661	1500	m		13	0.52
			BRO15	626	1445	m		14	0.59
260696	1	114 mm	BRO16	774	3891	m		15	0.8
260696	1	114 mm	BRO17	578	1427	m		13	0.7
260696	1	114 mm	BRO18	620	1664	m		9	0.70
260696	1	114 mm	BRO19	604	1373	m		9	0.6
260696	1	114 mm	BRO20	625	1455	m		11	0.6
260696	1	114 mm	BRO21	590	1127	m		16	0.5
260696	1	114 mm	BRO22	533	1064	m		10	0.70
260696	1	114 mm	BRO23	509	791	m		11	0.60
260696	1	114 mm	BRO24	602	1455	m		10	0.6
260696	1	114 mm	BRO25	606	1473	m		12	0.6
260696	1	114 mm	BRO26	605	1400	m		13	0.6
260696	1	114 mm	BRO27	596	1600	m		11	0.7
260696	1	114 mm	BRO28	645	1536	m		12	0.5
260696	1	114 mm	BR029	665	1782	m		10	0.6
260696	1	89 mm	BR030	486	727	m		11	0.6
260696	1	89 mm	BRO31	468	736	m		8	0.7
260696	1	89 mm	BR032	483	773	m		10	0.6
260696	1	89 mm	BR033	493	764	m			0.6
260696	1	89 mm	BR034	502	927	m		8	0.7
260696	1	89 mm	BR035	380	391	m		5	0.7
260696	1	89 mm	BR036	548	891	m		11	0.5
260696	1	89 mm	BRO37	482	782	m		8	0.7
260696	1	89 mm	BR038	500	827	m		8	0.6
260696	1	89 mm	BR039	359	300	m		4	0.6
260696	1	89 mm	BRO40	414	336	m		6	0.4
260696	1	89 mm	BRO41	506	782	m		10	0.6
260696	1	89 mm	BRO42	468	709	m		8	0.6
260696	1	89 mm	BR043	507	755	m		9	0.5
260696	1	89 mm	BRO44	465	682				
260696	1	89 mm	BRO45	438		m		10	0.6
260696	i	89 mm			636	m		6	0.7
260696			BRO46	524	755	m		10	0.5
F00090	1	89 mm	BRO47	484	627	m		7	0.5

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Condition
(ddmmyy)	*	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
260696	1	89 mm	BRO49	496	818	m		9	0.67
260696	1	89 mm	BR050	488	682	m		8	0.59
260696	1	89 mm	BR051	509	836	m		9	0.63
260696	1	89 mm	BR052	495	709	m		10	0.58
260696	1	89 mm	BR053	465	627	m			0.62
260696	1	89 mm	BR054	500	782	m			0.63
260696	1	89 mm	BR055	512	864	m		9	0.64
260696	1	89 mm	BR056	489	764	m		8	0.65
260696	1	89 mm	BR057	470	600				0.58
260696	1	89 mm	BR058	501	727				0.58
260696	1	89 mm	BR059	480	773				0.70
260696	1	89 mm	BR060	469	709				0.69
260696	1	89 mm	BRO61	495	773				0.64
260696	1	89 mm	BR062	462	636				0.65
260696	1	89 mm	BR063	525	845				0.58
260696	1	89 mm	BR064	542	1000				0.63
260696	1	89 mm	BR065	491	700				0.59
260696	1	89 mm	BR066	540	955				0.61
260696	1	89 mm	BR067	509	882				0.67
260696	1	89 mm	BR068	495	718				0.59
260696	1	89 mm	BR069	514	827				0.61
260696	1	89 mm	BR070	446	827				0.93
260696	1	89 mm	BR071	510	782				0.59
260696	1	89 mm	BR072	514	773				0.57
260696	1	89 mm	BR073	475	627				0.59
260696	1	89 mm	BR074	500	764				0.61
260696	1	89 mm	BR075	532	1018				0.68
260696	1	89 mm	BR076	493	864				0.72
260696	1	89 mm	BR077	503	864				0.68
260696	1	89 mm	BR078	491	764				0.65
260696	1	89 mm	BR079	465	591				0.59
260696	1	89 mm	BROSO	474	755				0.71
260696	1	89 mm	BRO81	470	700				0.67
260696	1	89 mm	BROB2	525	864				0.60
260696	1	89 mm	BROB3	500	864				0.69
260696	1	89 mm	BRO84	358	282				0.61
260696	1	89 mm	BR085	496	818				0.67
260696	1	89 mm	BR086	422	509				0.68
280696	1	89 mm	BRO87	463	682				0.69
260696	1	89 mm	BROSS	358	327				0.71
260696	1	89 mm	BR089	534	900				0.59
260696	1	89 mm	BR090	481	864				0.78
260696	1	89 mm	BR091	472	682				0.65
260696	1	89 mm	BR092	500	736				0.59
260696	1	89 mm	BR093	470	645				0.62
260696	1	89 mm	BR094	489	709				0.61
260696	1	89 mm	BR095	505	718				0.56
280696	1	89 mm	BROSS	450	636				0.70
260696	1	89 mm	BR096	510	709				0.53
260696	1	89 mm	BR098	508	809				0.62

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
260696	1	89 mm	BR099	494	755			0.63
260696	1	89 mm	BR100	454	627			0.67
270696	1	89 mm	BR101	684	2410	m	20	0.75
270696	1	89 mm	BR102	545	750	m		0.46
270696	1	89 mm	BR103	530	820	m	13	0.55
270696	1	89 mm	BR104	546	840	m	8	0.52
270696	1	89 mm	BR105	521	890	4	10	0.63
270696	1	89 mm	BR106	506	910	m	15	0.70
270696	1	89 mm	BR107	422	570	m		0.76
270696	1	89 mm	BR108	481	740	m	7	0.66
270696	1	89 mm	BR109	496	680	m	8	0.56
270696	1	89 mm	BR110	510	830	m	8	0.63
270696	1	89 mm	BR111	442	720	m	9	0.83
270696	1	89 mm	BR112	497	830	m	10	0.68
270696	1	89 mm	BR113	499	730	m	6	0.59
270696	1	89 mm	BR114	496	800	m	8	0.66
270696	1	89 mm	BR115	490	760	m	9	0.65
270696	1	89 mm	BR116	470	630	m	5	0.61
270696	1	89 mm	BR117	514	830		9	0.61
270696	1	89 mm	BR118	501	720	m	9	0.57
270696	1	89 mm	BR119	515	780	m	9	0.57
270696	1	89 mm	BR120	467	690	•••		0.68
270696	1	89 mm	BR121	528	860			0.58
270696	1	89 mm	BR122	531	970			0.65
270696	1	89 mm	BR123	549	910			0.55
270696	1	89 mm	BR124	485	740			0.65
270696	,	89 mm	BR125	504	800			0.62
	1		BR126	528	980			0.67
270696	1	89 mm	BR127	494	780			0.65
270696	1	89 mm		464	670			0.67
270696		89 mm	BR128					
270696	1	89 mm	BR129	430	530			0.67
270696	1	89 mm	BR130	556	990			0.58
270696	1	89 mm	BR131	464	720			0.72
270896	1	89 mm	BR132	481	750			0.67
270696	1	89 mm	BR133	561	1150			0.65
270696	1	89 mm	BR134	501	780			0.62
270696	1	89 mm	BR135	514	810			0.60
270696	1	89 mm	BR136	477	790			0.73
270696	1	89 mm	BR137	462	670			0.68
270696	1	89 mm	BR138	519	930			0.67
270696	1	89 mm	BR139	455	750			0.80
270696	1	89 mm	BR140	521	870			0.62
270696	1	89 mm	BR141	506	860			0.66
270696	1	89 mm	BR142	483	760			0.67
270696	1	89 mm	BR143	445	600			0.68
270696	1	89 mm	BR144	472	700			0.67
270696	1	114 mm	BR145	644	1520	m	11	0.57
270696	1	114 mm	BR146	611	1560	m	11	0.68
270696	1	114 mm	BR147	659	2050	m	13	0.72
270696	1	114 mm	BR148	635	1800	m	11	0.70

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Conditio
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
				622	1430	m		13	0.59
270696	1	114 mm	BR149					13	
270696	1	114 mm	BR150	618	1620	m			0.69
270696	1	114 mm	BR151	555	1300	1		12	0.76
270696	1	114 mm	BR152	522	960	m		8	0.67
270696	1	133 mm	BR153	685	2240	m		12	0.70
270696	1	133 mm	BR154		3400	m			
270696	1	133 mm	BR155	624	1570	m			0.65
270696	1	133 mm	BR156	715	2410	m		13	0.66
270696	1	133 mm	BR157	639	1830	m		11	0.70
270696	1	133 mm	BR158	731	2440	m		13	0.62
280696	1	89 mm	BR159	430	610				0.77
280696	1	89 mm	BR160	469	660				0.64
280696	1	89 mm	BR161	485	750	m			0.66
280696	1	89 mm	BR162	490	750	m		8	0.64
280696	1	89 mm	BR163	476	680	m		9	0.63
280696	1	89 mm	BR164	445	620	m		8	0.70
280696	1	89 mm	BR165	439	620	m			0.73
280696	1	89 mm	BR166	475	700	m		7	0.65
280696	1	89 mm	BR167	532	970	m		6	0.64
280696	1	89 mm	BR168	503	840	m		8	0.66
280696	1	89 mm	BR169	453	700	m		9	0.75
280696	1	89 mm	BR170	461	660	m		11	0.67
280696	1	89 mm	BR171	509	930	m		10	0.71
280696	1	89 mm	BR172		1340	m		10	
280696	1	89 mm	BR173	511	810	m		10	0.61
280696	1	89 mm	BR174	534	890	f		10	0.58
280696	1	89 mm	BR175	487	790	m		8	0.68
280696	1	89 mm	BR176	555	890	1		14	0.52
280696	1	89 mm	BR177	457	610	m		8	0.64
280696	1	89 mm	BR178	481	750	m			0.67
280696	1	89 mm	BR179	501	750	m		11	0.60
280696	1	89 mm	BR180	500	780	m		13	0.62
280696	1	89 mm	BR181	532	810	m		10	0.54
280696	1	89 mm	BR182	499	800	m			0.64
280696	1	89 mm	BR183	559	940	m			0.54
280696	1	89 mm	BR184	490	800	m		13	0.68
280696	1	89 mm	BR185	500	770	m		13	0.62
280696	1	89 mm	BR186	495	820	m		9	0.68
280696	1	89 mm	BR187	477	720	1		13	0.66
280696	1	89 mm	BR188	431	560	m		7	0.70
280696	1	133 mm	BR189	725	2560	m			0.67
280696	1	133 mm	BR190	765	2420	m			0.54
280696	1	133 mm	BR191	698	2220	m			0.65
280696	1	133 mm	BR192	685	2210	m			0.69
280696	1	133 mm	BR193	704	2390				0.68
280696			BR194	689	2370	m			0.7
	1	133 mm		635		m			
280696	1	133 mm	BR195		1840	m			0.73
280696 280696	1	133 mm 133 mm	BR196 BR197	668 535	1970 940	m			0.6
		1.5.5 PDPD	DERE 1 54 /	20.45	144()	m			0.6

Appendix 4. Continued.

	Site	Gillnet		Fork length	Round Weight	Sex	Fish age (y)		Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
040796	2	89 mm	BR199	500	820	m		8	0.66
040796	2	89 mm	BR200	493	790	m		8	0.66
040796	2	89 mm	BR201	503	760	m		11	0.60
040796	2	89 mm	BR202	515	860	m		9	0.63
040796	2	89 mm	BR203	521	820	m		9	0.58
040796	2	89 mm	BR204	496	740	m		13	0.61
040796	2	89 mm	BR205	470	620	m		8	0.60
040796	2	89 mm	BR206	475	700	m		9	0.65
040796	2	89 mm	BR207	467	610	m		8	0.60
040796	2	89 mm	BR208	520	630	m		9	0.45
040796	2	89 mm	BR209	474	770	m			0.72
040796	2	89 mm	BR210	511	660	m		10	0.49
040796	2	89 mm	BR211	530	820	m		10	0.55
040796	2	89 mm	BR212	441	520	m		10	0.61
040796	2	89 mm	BR213	439	630	m		8	0.74
040796	2	89 mm	BR214	500	690	m		7	0.55
040796	2	89 mm	BR215	439	560	m		6	0.66
040796	2	89 mm	BR216	540	810	m		8	0.51
040796	2	89 mm	BR217	472	670	m		9	0.64
040796	2	89 mm	BR218	499	640	1		13	0.52
040796	2	89 mm	BR219	500	850	m		10	0.68
040796	2	89 mm	BR220	462	710	m		9	0.72
040796	2	89 mm	BR221	511	750	m			0.56
040796	2	89 mm	BR222	473	620	m			0.59
040796	2	89 mm	BR223	414	440	m			0.63
040796	2	89 mm	BR224	522	800	m			0.56
040796	2	89 mm	BR225	550	1110	m			0.6
040796	2	89 mm	BR226	530	700	m			0.47
040796	2	133 mm	BR227	730	2470	***			0.63
040796	2	133 mm	BR228	658	2350				0.8
	2		BR229	682	1740	m			0.55
040796		133 mm		475	690			12	0.64
050796	3	89 mm	BR230			m		8	
050796	3	89 mm	BR231	486	710	m			0.6
050796	3	89 mm	BR232	526	860	m		9	0.5
050796	3	89 mm	BR233	483	800	m		7	0.7
050796	3	89 mm	BR234	530	940				0.6
050796	3	89 mm	BR235	410	510	m		9	0.74
050796	3	89 mm	BR236	475	700	m		10	0.6
050796	3	89 mm	BR237	455	670	m		10	0.7
050796	3	89 mm	BR238	531	800				0.5
050796	3	89 mm	BR239	509	600				0.4
050796	3	89 mm	BR240	500	830	m		10	0.6
050796	3	89 mm	BR241	520	830	m		10	0.5
050796	3	89 mm	BR242	476	700	m			0.6
050796	3	89 mm	BR243	508	790	m		8	0.6
050796	3	89 mm	BR244	520	740	*		10	0.5
050796	3	89 mm	BR245	530	800				0.5
050796	3	89 mm	BR246	443	560	m			0.6
050796	3	89 mm	BR247	575	790	f			0.4
050796	3	89 mm	BR248	501	820	m			0.6

Appendix 4. Continued.

	Site	Gillnet	Sample	Fork length		Sex	Fish age (y)		Conditio
ddmmyy)	*	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
050796	3	89 mm	BR249	482	690	m			0.62
050796	3	89 mm	BR250	526	860	f			0.59
050796	3	89 mm	BR251	474	700	f			0.66
050796	3	89 mm	BR252	471	670	m			0.64
050796	3	89 mm	BR253	490	720	m			0.61
050796	3	89 mm	BR254	436	500	f			0.60
050796	3	89 mm	BR255	376	370	m			0.70
050796	3	89 mm	BR256	443	540	m			0.62
50796	3	114 mm	BR257	595	1590	m		12	0.75
50796	3	114 mm	BR258	599	1490	m		13	0.69
050796	3	114 mm	BR259	668	1560	•		13	0.52
50796	3	114 mm	BR260	612	1420	m		13	0.62
50796	3	133 mm	BR261	712	2520	m		14	0.70
50796	3	133 mm	BR262	725	2410	m		14	0.63
50796	3	133 mm	BR263	721	2250	1		23	0.60
50796	3	133 mm	BR264	719	2270	m		18	0.61
50796	3	133 mm	BR265	629	1640	m		10	0.66
90796	4	89 mm	BR266	490	650	f		10	0.55
90796	4	89 mm	BR267	470	740	f		10	0.71
90796	4	89 mm	BR268	500	760	1		9	0.61
		89 mm	BR269	673	1950	m		16	0.64
90796	4				920			11	
10796	6	89 mm	BR270	545		m			0.57
10796	6	89 mm	BR271	500	760	f		8	0.61
10796	6	89 mm	BR272	500	760	m			0.61
10796	6	89 mm	BR273	516	780	f		11	0.57
10796	6	89 mm	BR274	577	890	m		16	0.46
10796	6	89 mm	BR275	486	740	m		11	0.64
10796	6	89 mm	BR276	537	990	f		8	0.64
10796	6	89 mm	BR277	508	730			11	0.56
10796	6	89 mm	BR278	439	610	m		7	0.72
20796	7	89 mm	BR279	460	610	f		7	0.63
20796	7	89 mm	BR280	460	610	1		11	0.63
20796	7	89 mm	BR281	455	570	m		8	0.61
20796	7	89 mm	BR282	520	740	f		8	0.53
20796	7	89 mm	BR283	525	830	4		12	0.57
20796	7	89 mm	BR284	471	680	f		8	0.65
20796	7	89 mm	BR285	513	810	1		11	0.60
20796	7	89 mm	BR286	509	750	m		10	0.57
20796	7	89 mm	BR287	495	690	f		8	0.57
20796	7	89 mm	BR288	491	680	m		10	0.57
20796	7	89 mm	BR289	441	630	m		10	0.73
20796	7	89 mm	BR290	474	670	m		12	0.63
20796	7	114 mm	BR291	621	1400	f		12	0.58
20796	7	114 mm	BR292	651	1620	m		13	0.59
60796	8	89 mm	BR295	476	740	†		10	
									0.69
60796	8	89 mm	BR296	428	520	m		12	0.66
60796	8	89 mm	BR297	533	830			9	0.55
60796	8	89 mm	BR298	453	580	m			0.62
160796	8	89 mm	BR299	446	600	f		6	0.68
60796	8	89 mm	BR300	509	740	f		9	0.56

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	*	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
160796	8	89 mm	BR301	517	960	f	10	0.69
160796	8	89 mm	BR302	500	760	9	9	0.61
160796	8	89 mm	BR303	479	720	f	8	0.66
160796	8	89 mm	BR304	492	710	4	6	0.60
160796	8	89 mm	BR305	513	780	f	8	0.58
160796	8	89 mm	BR306	519	810	f	9	0.58
160796	8	89 mm	BR307	465	560	m	13	0.56
160796	8	89 mm	BR308	479	800	m	8	0.73
160796	8	89 mm	BR309	486	820	m	7	0.71
160796	8	114 mm	BR310	602	1480	m	12	0.68
160796	8	114 mm	BR311	612	1390	f	12	0.61
160796	8	133 mm	BR312	670	2150	f	16	0.71
170796	9	89 mm	BR313	530	880	f	12	0.59
170796	9	89 mm	BR314	484	710	f	9	0.63
170796	9	89 mm	BR315	514	780	m	15	0.57
170796	9	89 mm	BR316	548	920	f	9	0.56
170796	9	89 mm	BR317	454	660	m	8	0.71
170796	9	89 mm	BR318	500	830	*	8	0.66
170796	9	89 mm	BR319	522	820	•	11	0.58
170796	9	89 mm	BR320	534	800	1	12	0.53
170796	9	89 mm	BR321	516	790	m	8	0.58
170796	9	89 mm	BR322	505	760	f	8	0.59
170796	9	89 mm	BR323	523	850	1	10	0.59
170796	9	89 mm	BR324	521	870	1	12	0.62
170796	9	89 mm	BR325	494	750	f	12	0.62
170796	9	89 mm	BR326	489	640	1	5	0.55
170796	9	89 mm	BR327	408	420	f	7	0.62
170796	9	89 mm	BR328	532	860	f	6	0.57
170796	9	114 mm	BR329	642	1460	1	15	0.55
170796	9	114 mm	BR330	646	1550	f	13	0.57
170796	9	114 mm	BR331	600	1260	f	15	0.58
			BR332	549	960	f	11	0.58
180796	10	89 mm		556	1060	1	13	0.62
180796	10	89 mm	BR333		790	1	13	
180796	10	89 mm	BR334	518		1		0.57
180796	10	89 mm	BR335	445	640		13	0.73
180796	10	89 mm	BR336	507	790	m	14	0.61
180796	10	89 mm	BR337	426	510	m	8	0.66
180796	10	89 mm	BR338	484	640	m	12	0.56
180796	10	89 mm	BR339	489	700	1	10	0.60
180796	10	89 mm	BR340	448	630	m	10	0.70
180796	10	114 mm	BR341	594	1350	f	13	0.64
180796	10	114 mm	BR342	609	1300	f	14	0.58
180796	10	114 mm	BR343	612	1470	1	18	0.64
180796	10	114 mm	BR344	635	1430	f	14	0.56
180796	10	133 mm	BR345	878	5020	m	22	0.74
190796	11	89 mm	BR346	513	840	1		0.62
190796	11	89 mm	BR347	518	900	1	10	0.65
190796	11	89 mm	BR348	506	800	m	10	0.62
190796	11	89 mm	BR349	475	800	m	10	0.75
190796	11	89 mm	BR350	496	730			0.60

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Condition
ádmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
190796	11	89 mm	BR351	548	1100	f		11	0.67
190796	11	89 mm	BR352	470	660	m		10	0.64
190796	11	89 mm	BR353	492	780	f		7	0.65
190796	11	89 mm	BR354	522	730	f		12	0.51
190796	11	89 mm	BR355	487	700	f		12	0.61
190796	11	89 mm	BR356	535	990	f		13	0.65
190796	11	89 mm	BR357	515	840	f		10	0.61
190796	11	89 mm	BR358	479	730	m		10	0.66
190796	11	89 mm	BR359	532	880	m		13	0.58
190796	11	89 mm	BR360	540	960	f		8	0.61
190796	11	89 mm	BR361	560	950	f		16	0.54
190796	11	89 mm	BR362	480	740	m			0.67
190796	11	89 mm	BR363	485	760	m			0.67
190796	11	89 mm	BR364	472	770	m			0.73
190796	11	89 mm	BR365	511	860	f			0.64
190796	11	89 mm	BR366	506	800	f			0.62
190796	11	89 mm	BR367	468	760	m			0.74
	11	89 mm	BR368	495	880	f			0.73
190796	11	89 mm	BR369	448	700	f			0.78
190796		89 mm	BR370	507	720	,			0.55
190796	11			469	610	+			0.59
190796	11	89 mm	BR371		540	f			0.61
190796	11	89 mm	BR372	446	660	f			0.66
190796	11	89 mm	BR373	465					0.66
190796	11	89 mm	BR374	475	710	m		12	
190796	11	114 mm	BR375	587	1110	f			0.55
190796	11	114 mm	BR376	591	1520	f		14	0.74
190796	11	133 mm	BR377	692	2150	m		13	0.65
070896	12	133 mm	BR378	591	1940	f		13	0.94
070896	12	133 mm	BR379	732	2550	f		13	0.65
070896	12	89 mm	BR380	456	760	f		6	0.80
070896	12	89 mm	BR381	461	620	f		10	0.63
070896	12	89 mm	BR382	518	940	m		13	0.68
070896	12	89 mm	BR383	574	920	f		12	0.49
070896	12	89 mm	BR384	546	850	f		13	0.52
070896	12	89 mm	BR385	421	540	f		7	0.72
070896	12	89 mm	BR386	479	730	f		9	0.66
080896	13	89 mm	BR387	409	460	m		5	0.67
080896	13	89 mm	BR388	470	740	f		9	0.71
080896	13	89 mm	BR389	430	590	m		11	0.74
080896	13	89 mm	BR390	427	550	f		8	0.7
080896	13	89 mm	BR391	458	590	f		9	0.6
080896	13	89 mm	BR392	436	600	m		9	0.7
080896	13	89 mm	BR393	439	600	m			0.7
080896	13	89 mm	BR394	486	730	m		14	0.64
	13		BR395	545	890	***			0.5
080896		89 mm			700	f		11	0.70
080896	13	89 mm	BR396	465					
080896	13	89 mm	BR397	486	720	m		13	0.63
080896	13	89 mm	BR398	526	830	f		12	0.5
080896	13	89 mm	BR399	492	940	m		11	0.79

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
080896	13	114 mm	BR401	697	2200	m	19	0.65
080896	13	114 mm	BR402	616	1570	m	19	0.67
080896	13	133 mm	BR403	638	2050	*	11	0.79
090896	14	89 mm	BR404	452	670	m	8	0.73
090896	14	89 mm	BR405	524	790	f	10	0.55
090896	14	89 mm	BR406	544	990	m		0.61
090896	14	89 mm	BR407	448	580	f	10	0.65
090896	14	89 mm	BR408	514	830	m	14	0.61
090896	14	89 mm	BR409	434	600	f	10	0.73
090896	14	89 mm	BR410	478	640	f	10	0.59
090896	14	89 mm	BR411	485	720	m	8	0.63
090896	14	89 mm	BR412	520	880	m	12	0.63
090896	14	89 mm	BR413	573	870	f	9	0.46
090896	14	89 mm	BR414	524	850	f	11	0.59
090896	14	89 mm	BR415	555	860	f	11	0.50
090896	14	89 mm	BR416	526	840	+	11	0.58
090896	14	89 mm	BR417	471	760	f	9	0.73
090896	14	89 mm	BR418	460	630	1		0.65
090896	14	89 mm	BR419	472	670	m		0.64
090896	14	89 mm	BR420	477	700	f		0.64
090896	14	89 mm	BR421	475	700	•		0.65
090896	14	89 mm	BR422	480	750	m		0.68
090896	14	89 mm	BR423	511	770	f		0.58
090896	14	89 mm	BR424	526	930	m		0.64
090896	14	89 mm	BR425	470	670	m		0.65
090896	14	89 mm	BR426	467	620	f		0.61
090896	14	89 mm	BR427	450	610	m		0.67
090896	14	89 mm	BR428	450	590	f		0.65
090896	14	89 mm	BR429	436	570	m		0.69
090896	14	89 mm	BR430	485	610	m		0.53
090896	14	89 mm	BR431	446	660	m		0.53
090896	14	89 mm	BR432	462	620	m		0.63
	14				880	f		
090896	14	89 mm	BR433	518	1680	,	15	0.63
090896	14	114 mm	BR434	655		4	14	0.60
090896	14	114 mm	BR435	648 694	1590 2120	f	16	0.58
			BR436					0.63
090896	14	133 mm	BR437	587	1220	m	16	0.60
140896	15	89 mm	BR438	559	960	4	10	0.55
140896	15	89 mm	BR439	539	960	,	10	0.61
140896	15	89 mm	BR440	526	770	,	8	0.53
140896	15	89 mm	BR441	474	650	f	8	0.61
140896	15	89 mm	BR442	455	655			0.70
140896	15	89 mm	BR443	518	740	f	12	0.53
140896	15	89 mm	BR444	457	560	m	11	0.59
140896	15	89 mm	BR445	506	720	f	8	0.56
140896	15	89 mm	BR446	475	580	m	7	0.54
140896	15	89 mm	BR447	480	610	f	9	0.55
140896	15	89 mm	BR448	521	810	m	8	0.57
140896	15	89 mm	BR449	532	1000	•	11	0.66
140896	15	89 mm	BR450	500	780	m	7	0.62

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
140896	15	114 mm	BR451	526	880	m			0.60
140896	15	133 mm	BR452	792	3270	f		20	0.66
140896	15	133 mm	BR453	703	2280	f		24	0.66
140896	15	133 mm	BR454	719	2850	1		12	0.77
150896	16	89 mm	BR455	550	930	1		14	0.56
150896	16	89 mm	BR456	499	730	m		10	0.59
150896	16	89 mm	BR457	620	1480	1		13	0.62
150896	16	89 mm	BR458	473	680	1		8	0.64
150896	16	89 mm	BR459	477	840	f		13	0.77
150896	16	89 mm	BR460	485	700	f		8	0.61
150896	16	89 mm	BR461	540	830	f		13	0.53
150896	16	89 mm	BR462	489	660	f		13	0.56
150896	16	89 mm	BR463	540	840	f		13	0.53
150896	16	89 mm	BR464	482	640	m		9	0.57
150896	16	89 mm	BR465	434	500	4		10	0.61
150896	16	89 mm	BR466	495	680	m		11	0.56
150896	16	89 mm	BR467	491	580	f		10	0.49
150896	16	89 mm	BR468	455	710	1		9	0.75
150896	16	89 mm	BR469	490	650	f		8	0.55
150896	16	89 mm	BR470	435	490	f			0.60
150896	16	89 mm	BR471	504	720	m			0.56
150896	16	89 mm	BR472	483	650	f			0.58
150896	16	89 mm	BR473	455	650	m			0.69
150896	16	89 mm	BR474	482	700	1			0.63
150896	16	89 mm	BR475	490	710	m			0.60
150896	16	89 mm	BR476	534	680	m			0.45
150896	16	114 mm	BR477	580	1470	***		9	0.75
150896	16	114 mm	BR478	615	1490			19	0.64
150896	16	114 mm	BR479	618	1790			11	0.76
150896	16	133 mm	BR480	675	2050	***		19	0.67
						m			
150896	16	133 mm	BR481	733	2390	m		19	0.61
160896	17	89 mm	BR482	460	670	f		9	0.69
160896	17	89 mm	BR483	526	810	f		10	0.56
160896	17	89 mm	BR494	472	680	m		9	0.65
160896	17	89 mm	BR485	500	770	1		11	0.62
160896	17	89 mm	BR486	515	780	+		13	0.57
160896	17	89 mm	BR487	478	710	1		12	0.65
160896	17	114 mm	BR488	583	1240	1		13	0.63
160896	17	114 mm	BR489	579	1190	f		11	0.61
160896	17	133 mm	BR490	705	2500	f		13	0.71
230896	19	89 mm	BR540	520	770	f		11	0.55
230896	19	89 mm	BR541	510	930	m		12	0.70
230896	19	89 mm	BR542	530	760	f		19	0.51
230896	19	133 mm	BR543	707	2370	m			0.67
ISCO sp. (oregonu	<u>s</u> sp.)							
260696	1	133 mm	CS001	286	155				0.66
050796	3	89 mm	CS002	193	70	m			0.97
050796	3	89 mm	CS003	165	40	m			0.89

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Conditio
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
090796	4	89 mm	CS004	221	100	f			0.93
110796	6	89 mm	CS005	228	90	m			0.76
110796	6	89 mm	CS006	266	180	1			0.96
120796	7	89 mm	CS007	234	80	m			0.62
120796	7	89 mm	CS008	235	90	m			0.69
120796	7	89 mm	CS009	236	100	m			0.76
120796	7	89 mm	CS010	264	160	f			0.87
120796	7	89 mm	CS035	380	620				1.13
160796	8	89 mm	CS011	395	600	m			0.97
160796	8	89 mm	CS012	191	50	f			0.72
160796	8	133 mm	CS013	217	90	m			0.88
070896	12	89 mm	CS014	187	80				1.22
080896	13	89 mm	CS015	194	100				1.37
080896	13	114 mm	CS016	226	100				0.87
080896	13	133 mm	CS017	192	70				0.99
080896	13	114 mm	CS018	411	830				1.20
080896	13	89 mm	CS019	378	730				1.35
080896	13	89 mm	CS020	397	890				1.42
090896	14	89 mm	CS021	394	700				1.14
090896	14	89 mm	CS022	401	730				1.13
090896	14	89 mm	CS023	224	120				1.07
090896	14	89 mm	CS024	218	100	f			0.97
090896	14	114 mm	CS025	405	820				1.23
090896	14	114 mm	CS026	387	700	m			1.21
090896	14	114 mm	CS027	420	980				1.33
140896	15	89 mm	CS028	205	60				0.70
140896	15	114 mm	CS029	259	160				0.93
140896	15	133 mm	CS030	208	80				0.89
140896	15	133 mm	CS031	238	100				0.74
160896	17	89 mm	CS032	241	130				0.93
160896	17	89 mm	CS033	248	120				0.79
230896	19	89 mm	CS034	354	550	m			1.24
230896	19	89 mm	CS036	366	600				1.2
BOLDEYE (liodon ale	esoides)							
230896	19	89 mm	GE001	298	340	m	10		1.28
230896	19	89 mm	GE002	275	230	m	5		1.11
230896	19	89 mm	GE003	303	270	m	6		0.9
230896	19	89 mm	GE004	313	340	m	10		1.1
230896	19	133 mm	GE005	318	410	1	11		1.2
NCONNU (Stenodus	(eucichthys)							
280696	1	133 mm	INO01	502	1280	m	4		1.0
050796	3	89 mm	IN002	403	770	m			1.1
230896	19	89 mm	1N003	232	100		2		0.8
230896	19	89 mm	IN004	712	4860		7		1.3
230896	19	89 mm	IN005	770	5010		8		1.1
230896	19	89 mm	IN006	858	7700		9		1.2

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Condition
(ddmmyy)	*	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
230896	19	89 mm	IN007	775	5580		8		1.20
230896	19	89 mm	INOOS	850	8220		8		1.34
230896	19	133 mm	IN009	778	5540		7		1.18
230896	19	133 mm	IN010	629	2930		6		1.18
230896	19	133 mm	INO11	738	4780		7		1.19
LAKE WHITE	FISH (<u>Co</u>	regonus clupe	aformis)						
250696	1	114 mm	LW001	375	800	f	9		1.52
250696	1	114 mm	LW002	397	890		9		1.42
250696	1	114 mm	LW003	430	1100	f	11		1.38
250696	1	114 mm	LW004	401	945	4	11		1.47
250696	1	114 mm	LWOOS	450	977	f	8		1.07
250696	1	114 mm	LWOOS	365	782	f	6		1.61
250696	1	114 mm	LW007	384	709		10		1.25
250696	1	114 mm	LW008	436	1432	f	11		1.73
250696	1	114 mm	LW009	427	1077	m	12		1.38
250696	1	114 mm	LW010	409	955	m	9		1.40
260696	1	133 mm	LW011	390	864	m	10		1.46
260696	1	133 mm	LW012	422	1109	1	12		1.48
260696	1	89 mm	LW013	360	591	m			1.27
	1	89 mm	LW014	380	845	m			1.54
260696			LW015	381	800	m			1.45
260696	1	89 mm		332	600	m			1.64
260696	1	89 mm	LW016		736				1.22
260696	1	89 mm	LW017	392		m f			
260696	1	89 mm	LW018	324	500				1.47
260696	1	89 mm	LW019	370	745	m			1.47
260696	1	89 mm	LW020	401	891	m			1.38
260696	1	89 mm	LW021	387	845	Ť			1.46
260696	1	89 mm	LW022	335	509	m			1.35
260696	1	114 mm	LW023	388	700	f	13		1.20
260696	1	114 mm	LW024	347	591	m	8		1.41
260696	1	114 mm	LW025	391	818	m	10		1.37
260696	1	114 mm	LW026	375	818	Ť	10		1.55
260696	1	114 mm	LW027	406	827	f	10		1.24
260696	1	114 mm	LW028	368	664	m	8		1.33
260696	1	114 mm	LW029	432	1445	f	10		1.79
260696	1	114 mm	FM030	390	855	m	5		1.44
260696	1	114 mm	LW031	361	600	*	8		1.28
260696	1	114 mm	LW032	394	764	m			1.25
260696	1	114 mm	LW033	375	818	#			1.55
260696	1	114 mm	LW034	370	791	4	12		1.56
260696	1	114 mm	LW035	398	891	1	9		1.41
270696	1	89 mm	LW036	342	520		4		1.30
270696	1	89 mm	LW037	389	750	m	10		1.27
270696	1	89 mm	LW038	324	430	m	5		1.26
270696	1	89 mm	LW039	349	470	m	6		1.11
270696	1	89 mm	LW040	400	740	1	10		
							9		1.16
270696	1	114 mm	LW041 LW042	373 381	870 850	m	9		1.68

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
(ddmmyy)	*	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
270696	1	114 mm	LW043	408	900	m	11		1.33
270696	1	133 mm	LW044	410	950	m	11		1.38
280696	1	89 mm	LW045	412	1030	m			1.47
280696	1	89 mm	LW046	390	810	m	11		1.37
280696	1	89 mm	LW047	396	880	*			1.42
280696	1	89 mm	LW048	365	710	m	7		1.46
280696	1	89 mm	LW049	352	680	•	6		1.56
280696	1	89 mm	LW050	347	630	m			1.51
280696	1	89 mm	LW051	345	650	m	9		1.58
280696	1	89 mm	LW052	344	520	f	5		1.28
280696	1	89 mm	LW053	341	540	f	7		1.36
280696	1	89 mm	LW054	317	390	m	6		1.22
280696	1	133 mm	LW055	434	1330	#	13		1.63
280696	1	133 mm	LW056	415	1020	m	10		1.43
040796	2	89 mm	LW057	390	960	m	9		1.62
040796	2	89 mm	LW058	392	1000	#	10		1.66
040796	2	89 mm	LW059	370	730	m	7		1.44
040796	2	89 mm	LW060	391	830	***	8		1.39
040796	2	89 mm	LW061	394	890	m	12		1.46
040796	2	89 mm	LW062	350	690	•••	7		1.61
040796	2	89 mm	LW063	423	1150	1	9		1.52
040796	2	89 mm	LW064	383	660	m	11		1.17
040796	2	89 mm	LW065	377	790	m	8		1.47
040796	2	89 mm	LW066	347	640	m	7		1.53
040796	2	89 mm	LW067	372	640	1	8		1.24
			LW068	360	560		11		
040796	2	89 mm				m	7		1.20
040796	2	89 mm	LW069	305	330	m			1.16
040796	2	89 mm	LW070	328	420	m	8		1.19
040796	2	89 mm	LW071	317	420	m	7		1.32
040796	2	89 mm	LW072	312	310	m	7		1.02
040796	2	89 mm	LW073	414	1080	m	12		1.52
040796	2	89 mm	LW074	442	1120	f	10		1.30
040796	2	89 mm	LW075	302	310	m	6		1.13
040796	2	89 mm	LW076	324	350	m	7		1.03
040796	2	133 mm	LW077	412	930	*	12		1.33
040796	2	133 mm	LW078	394	720	•	10		1.18
040796	2	133 mm	LW079	430	1100	f	13		1.38
050796	3	89 mm	LW080	391	860	m	13		1.44
050796	3	89 mm	LW081	425	1340	m	10		1.75
050796	3	89 mm	LW082	371	850	m	8		1.66
050796	3	89 mm	LW083	400	880	m	10		1.38
050796	3	89 mm	LW084	419	1210	•	11		1.64
050796	3	89 mm	LW085	487	1630	f	16		1.4
050796	3	89 mm	LW086	396	920	f	10		1.48
050796	3	89 mm	LW087	329	480	m			1.3
050796	3	89 mm	LW088	313	450	m	7		1.4
050796	3	89 mm	LW089	355	670		9		1.5
	3					m			
050796		89 mm	LW090	372	700	-	9		1.30
050796	3	89 mm	LW091	338	490	m	9		1.27

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Conditio
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
050796	3	89 mm	LW093	332	600		8		1.64
050796	3	89 mm	LW094	417	1040		10		1.43
050796	3	89 mm	LW095	437	1250	f	15		1.50
050796	3	89 mm	LW096	472	1720	f	16		1.64
050796	3	89 mm	LW097	445	1520	f	14		1.72
050796	3	89 mm	LW098	351	630	m	8		1.46
050796	3	114 mm	LW099	375	750	m	10		1.42
050796	3	114 mm	LW100	369	790	m	12		1.57
050796	3	114 mm	LW101	348	580	1	7		1.38
050796	3	114 mm	LW102	430	1210	f	11		1.52
050796	3	114 mm	LW103	415	970	f	12		1.36
050796	3	114 mm	LW104	387	990	m	10		1.71
050796	3	114 mm	LW105	395	920	m	9		1.49
050796	3	114 mm	LW106	438	1190	f	11		1.42
050796	3	114 mm	LW107	370	850	m	9		1.68
050796	3	114 mm	LW108	414	900	m	7		1.27
050796	3	114 mm	LW109	373	740	f	8		1.43
050796	3	114 mm	LW110	413	1190	f	12		1.69
050796	3	114 mm	LW111	394	1020	m	13		1.67
050796	3	114 mm	LW112	437	1250		13		1.50
50796	3	114 mm	LW113	428	1170	m	9		1.49
50796	3	114 mm	LW114	421	1030	+			1.38
50796	3	114 mm	LW115	326	490	f			1.41
50796	3	114 mm	LW116	391	840	m			1.41
50796	3	114 mm	LW117	356	580	1			1.29
50796	3	114 mm	LW118	352	630	m			1.44
050796	3	114 mm	LW119	327	510	*			1.46
050796	3	114 mm	LW120	326	490	+			1.41
050796	3	114 mm	LW121	325	550	m			1.60
50796	3	114 mm	LW122	376	600	m			1.13
				309	430				1.46
050796	3	114 mm 133 mm	LW123	390	880	m f	9		1.48
050796	3		LW124			f	11		
050796	3	133 mm	LW125	443	1340				1.54
050796	3	133 mm	LW126	489	1320	f	12		1.13
050796	3	133 mm	LW127	475	1860	f	10		1.74
050796	3	133 mm	LW128	466	1930	*	14		1.91
050796	3	133 mm	LW129	499	2120	f	14		1.71
050796	3	133 mm	LW130	420	1200	m	16		1.62
050796	3	133 mm	LW131	433	1210	m	11		1.49
050796	3	133 mm	LW132	405	1070	m	11		1.61
090796	4	133 mm	LW133	420	1160	f	14		1.57
090796	4	114 mm	LW134	434	1300	f	12		1.59
090796	4	114 mm	LW135	400	880	m			1.38
090796	4	114 mm	LW136	404	950				1.44
090796	4	114 mm	LW137	381	800	f			1.45
090796	4	114 mm	LW138	341	630	m			1.59
090796	4	89 mm	LW139	360	520	m			1.11
090796	4	89 mm	LW140	348	550				1.31
090796	4	89 mm	LW141	332	500				1.37
090796	4	89 mm	LW142	369	700	•			1.35

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	*	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
090796	4	89 mm	LW143	415	920	f		1.29
090796	4	89 mm	LW144	348	620	m		1.47
090796	4	89 mm	LW145	395	910	m		1.48
090796	4	89 mm	LW146	387	770	4		1.33
090796	4	89 mm	LW147	385	800	f		1.40
100796	5	133 mm	LW148	408	970	m		1.43
100796	5	114 mm	LW149	424	1180	1		1.55
100796	5	114 mm	LW150	382	880	f		1.58
100796	5	114 mm	LW151	392	970	m		1.61
100796	5	114 mm	LW152	387	840	f		1.45
100796	5	114 mm	LW153	381	810	f		1.46
110796	6	89 mm	LW154	395	850	f	7	1.38
110796	6	89 mm	LW155	345	550	m	9	1.34
110796	6	89 mm	LW156	374	790	m	10	1.51
110796	6	89 mm	LW157	322	420		7	1.26
110796	6	89 mm	LW158	362	750	f	8	1.58
110796	6	89 mm	LW159	393	990	m	8	1.63
110796	6	89 mm	LW160	369	630	m	8	1.25
110796	6	133 mm	LW161	399	990		10	1.56
110796	6	89 mm	LW162	378	860	f	10	1.59
110796	6	89 mm	LW163	353	710	f	6	1.61
110796	6	89 mm	LW164	495	2060	m		1.70
110796	6	89 mm	LW165	407	1180	m	9	1.7
110796	6	89 mm	LW166	388	1010		9	1.7
110796	6	89 mm	LW167	432	1140	*	8	1.4
110796	6	89 mm	LW168	435	1300	t	10	1.5
110796	6	89 mm	LW169	306	380	f	5	1.3
	6	89 mm	LW170	450	1340	m	13	1.4
110796	6	89 mm	LW171	396	710	m	10	1.1
110796	6		LW172	402	960	m	8	1.4
110796		114 mm	LW172	480	1330	1	12	1.2
110796	6	114 mm	LW173	542	1850	f	15	1.1
110796	6	114 mm		475	1290	,	13	1.2
110796	6	114 mm	LW175		1910		13	1.1
110796	6	114 mm	LW176	553	1300	m	11	1.5
110796	6	114 mm	LW177	436	1500	m	16	1.2
110796	6	114 mm	LW178	492	1330		14	1.5
110796	6	133 mm	LW179	438		m	7	1.5
120796	7	89 mm	LW180	345	620	m		1.4
120796	7	89 mm	LW181	394	880	m	12	
120796	7	89 mm	LW182	375	790	m	6	1.5
120796	7	89 mm	LW183	389	800	m	12	1.3
120796	7	89 mm	LW184	344	510	m	7	1.2
120796	7	89 mm	LW185	345	620	m	6	1.5
120796	7	89 mm	LW186	360	710	m	12	1.5
120796	7	89 mm	LW187	328	480	m	7	1.3
120796	7	89 mm	LW188	317	410	m	8	1.2
120796	7	89 mm	LW189	356	670	m	8	1.4
120796	7	89 mm	LW190	405	1030	m	15	1.5
120796	7	89 mm	LW191	402	980	m	12	1.5
120796	7	89 mm	LW192	410	1190	1	10	1.7

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
120796	7	89 mm	LW193	350	610	m	8		1.42
120796	7	89 mm	LW194	356	680	m			1.51
120796	7	89 mm	LW195	341	570	m			1.44
120796	7	89 mm	LW196	403	970	m			1.48
120796	7	89 mm	LW197	414	980	m			1.38
120796	7	89 mm	LW198	320	520	m			1.59
120796	7	89 mm	LW199	395	970	m			1.57
120796	7	89 mm	LW200	353	660	f			1.50
120796	7	89 mm	LW201	344	540	m			1.33
120796	7	89 mm	LW202	410	980	m			1.42
120796	7	89 mm	LW203	422	1140	f			1.52
120796	7	89 mm	LW204	390	910	m			1.53
120796	7	89 mm	LW205	370	700	m			1.38
120796	7	89 mm	LW206	334	500	m			1.34
120796	7	89 mm	LW207	339	560	m			1.44
120796	7	89 mm	LW208	420	1070	m			1.44
120796	7	89 mm	LW209	429	1210	m			1.53
120796	7	89 mm	LW210	354	600	m			1.35
120796	7	89 mm	LW211	360	720	m			1.54
120796	7	89 mm	LW212	330	550	m			1.53
120796	7	89 mm	LW213	384	720	*			1.27
120796	7	89 mm	LW214	431	1260	m			1.57
120796	7	89 mm	LW215	406	850	1			1.27
120796	7	89 mm	LW216	400	840	*			1.31
120796	7	89 mm	LW217	422	1140	m			1.52
120796	7	89 mm	LW218	424	1090	m			1.43
120796	7	89 mm	LW219	377	780	f			1.46
120796	7	89 mm	LW220	414	1120	m			1.58
120796	7	89 mm	LW221	376	770	m			1.45
120796	7	89 mm	LW222	388	830	1			1.42
120796	7	89 mm	LW223	328	450	1			1.28
120796	7	89 mm	LW224	366	760	1			1.55
120796	7	89 mm	LW225	344	610	1			1.50
120796	7	89 mm	LW226	389	920	m			1.56
120796	7	89 mm	LW227	331	500	m			1.38
120796	7	89 mm	LW228	300	380	m			1.41
120796	7	89 mm	LW229	288	360	m			1.51
	7	89 mm	LW230	383	790	m			1.41
120796 120796	7	89 mm	LW231	405	990	1			1.49
				489	1850	m			1.58
120796	7	89 mm	LW232	427	1180	f			1.52
120796	7	89 mm	LW233	427	1320				1.70
120796		89 mm	LW234			m			1.31
120796	7	89 mm	LW235	320	430	m f			1.31
120796	7	89 mm	LW236	361	620				
120796	7	89 mm	LW237	390	990	m			1.67
120796	7	89 mm	LW238	412	1040	m			1.49
120796	7	89 mm	LW239	388	890	f			1.52
120796	7	89 mm	LW240	404	830	m			1.26
120796	7	89 mm	LW241	373	700	1			1.35
120796	7	89 mm	LW242	418	980	m			1.34

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin Otolith	Factor
120796	7	114 mm	LW243	398	910	m	12	1.44
120796	7	114 mm	LW244	405	830	m	10	1.25
120796	7	114 mm	LW245	389	840	m	11	1.43
120796	7	114 mm	LW246	395	860	#	12	1.40
120796	7	114 mm	LW247	342	710	m	8	1.77
120796	7	114 mm	LW248	394	910	+	9	1.49
120796	7	114 mm	LW249	372	810	f	8	1.57
120796	7	114 mm	LW250	407	960	m	13	1.42
120796	7	114 mm	LW251	400	870	*	14	1.36
120796	7	114 mm	LW252	424	990	m	11	1.30
120796	7	114 mm	LW253	379	760	m	12	1.40
120796	7	114 mm	LW254	400	800	1	12	1.25
120796	7	114 mm	LW255	387	830	m	12	1.43
120796	7	114 mm	LW256	410	940	m	12	1.36
120796	7	114 mm	LW257	372	790	m	12	1.53
120796	7	114 mm	LW258	380	750	f		1.37
120796	7	114 mm	LW259	398	920	m		1.46
120796	7	114 mm	LW260	386	920	•		1.60
120796	7	114 mm	LW261	371	710	m		1.39
120796	7	114 mm	LW262	446	1410	*		1.59
120796	7	114 mm	LW263	431	1310	m		1.64
120796	7	114 mm	LW264	425	1190	1		1.55
120796	7	114 mm	LW265	453	1450	m		1.56
120796	7	114 mm	LW266	439	1140	m		1.35
120796	7	114 mm	LW267	425	1120	1		1.46
120796	7	114 mm	LW268	433	1180	m		1.45
120796	7	114 mm	LW269	413	1130	m		1.60
	7			446	1450	f		1.63
120796		114 mm	LW270					
120796	7	114 mm	LW271	429	1260	m		1.60
120796	7	114 mm	LW272	394	1060	m		1.73
120796	7	114 mm	LW273	391	900	•		1.51
120796	7	114 mm	LW274	402	1060	m		1.63
120796	7	114 mm	LW275	425	950	f		1.24
120796	7	114 mm	LW276	436	1050	*		1.27
120796	7	114 mm	LW277	375	840	4		1.59
120796	7	114 mm	LW278	404	1100	m		1.67
120796	7	114 mm	LW279	404	1030	m		1.56
120796	7	114 mm	LW280	405	990	m		1.49
120796	7	114 mm	LW281	383	860	m		1.53
120796	7	114 mm	LW282	410	970	m		1.41
120796	7	114 mm	LW283	381	760	m		1.37
120796	7	114 mm	LW284	372	750	m		1.46
120796	7	114 mm	LW285	384	870	f		1.54
120796	7	133 mm	LW286	434	1090	m	13	1.33
120796	7	133 mm	LW287	393	1060	m	11	1.75
160796	8	89 mm	LW293	383	830	f	9	1.48
160796	8	89 mm	LW294	436	1280		13	1.54
160796	8	89 mm	LW295	371	770		9	1.51
160796	8	89 mm	LW296	395	1000	1	8	1.62
160796	8	89 mm	LW297	378	870	m	9	1.61

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Conditio
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
160796	8	89 mm	LW298	340	510	m	7		1.30
160796	8	89 mm	LW299	322	470	m	7		1.41
160796	8	89 mm	LW300	420	1130	*	13		1.53
160796	8	89 mm	LW301	325	510		9		1.49
160796	8	89 mm	LW302	334	550	f	8		1.48
160796	8	89 mm	LW303	349	590	#	7		1.39
160796	8	89 mm	LW304	310	400				1.34
160796	8	89 mm	LW305	316	410	*	6		1.30
160796	8	89 mm	LW306	370	580	*	8		1.15
160796	8	89 mm	LW307	307	390	m	7		1.35
160796	8	89 mm	LW308	315	420	m	7		1.34
160796	8	89 mm	LW309	340	560	m	9		1.42
160796	8	89 mm	LW310	399	1110		13		1.75
160796	8	114 mm	LW311	374	900	1	8		1.72
160796	8	114 mm	LW312	393	920	f	8		1.52
160796	8	114 mm	LW313	397	940	m	13		1.50
160796	8	114 mm	LW314	415	1130	1	13		1.58
			LW315	416	1080	1	13		1.50
160796	8	114 mm	LW316	441	1260	,	15		1.47
160796	8	114 mm		438	1130	m	12		1.34
160796	8	114 mm	LW317	414	1000	1	12		1.41
160796	8	114 mm	LW318			f			
160796	8	114 mm	LW319	410	1090		10		1.58
160796	8	114 mm	LW320	335	620	1	7		1.65
160796	8	114 mm	LW321	389	1020	f	9		1.73
160796	8	114 mm	LW322	378	790	1	9		1.46
160796	8	114 mm	LW323	398	890	1	9		1.41
160796	8	114 mm	LW324	402	940	m	10		1.45
160796	8	133 mm	LW325	391	1040	m	11		1.74
160796	8	133 mm	LW326	427	1020	4	12		1.31
160796	8	133 mm	LW327	377	990	#	10		1.85
160796	8	133 mm	LW328	386	920	m	13		1.60
160796	8	133 mm	LW329	407	1000	m	14		1.48
160796	8	133 mm	LW330	455	1800	#	10		1.91
160796	8	133 mm	LW331	461	1900	-	12		1.94
160796	8	133 mm	LW332	471	1430	m	12		1.37
160796	8	133 mm	LW333	471	1430	*	11		1.37
160796	8	133 mm	LW334	448	1340	#	12		1.49
160796	8	133 mm	LW335	429	1310	-	11		1.66
170796	9	89 mm	LW336	369	800	m			1.59
170796	9	89 mm	LW337	377	640	9	9		1.19
170796	9	89 mm	LW338	403	880	1	10		1.34
170796	9	89 mm	LW339	387	940	*	8		1.62
170798	9	89 mm	LW340	385	800	m	11		1.40
170796	9	89 mm	LW341	435	1260	1	12		1.53
170796	9	89 mm	LW342	426	1040	m	11		1.35
170796	9	89 mm	LW343	386	880	m	10		1.53
170796	9	89 mm	LW344	400	970	1	11		1.52
170796	9	89 mm	LW345	374	740	1	8		1.41
170796	9	89 mm	LW346	382	830		12		
170796	9	89 mm	LW347	352	650	m	7		1.49

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Conditio
ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
170796	9	89 mm	LW348	390	860	m	11		1.45
170796	9	89 mm	LW349	379	790	m	13		1.45
170796	9	89 mm	LW350	389	790	1			1.34
170796	9	89 mm	LW351	390	770	4	12		1.30
170796	9	89 mm	LW352	313	440	m			1.43
170796	9	89 mm	LW353	339	590	m			1.51
170796	9	89 mm	LW354	340	490	1			1.25
170796	9	89 mm	LW355	362	690	1			1.45
170796	9	89 mm	LW356	422	1060	m			1.41
170796	9	89 mm	LW357	381	810	m			1.46
170796	9	89 mm	LW358	381	930	*			1.68
170796	9	89 mm	LW359	353	680	1			1.59
170796	9	89 mm	LW360	348	580	m			1.38
170796	9	89 mm	LW361	328	470	f			1.33
170796	9	89 mm	LW362	370	670	1			1.3
170796	9	89 mm	LW363	329	480	m			1.39
170796	9	114 mm	LW364	414	880	1			1.2
170796	9	114 mm	LW365	400	770	1	10		1.20
170796	9	114 mm	LW366	352	660	m	7		1.5
170796	9	114 mm	LW367	406	860	*	11		1.2
170796	9	114 mm	LW368	390	870	m	12		1.4
170796	9	114 mm	LW369	372	830	m	8		1.6
170796	9	114 mm	LW370	384	880	m	11		1.5
170796	9	114 mm	LW371	427	1070	†	13		1.3
170796	9	114 mm	LW372	423	1130	1	13		1.4
170796	9	114 mm	LW373	494	1420	m	12		1.1
170796	9	133 mm	LW374	404	1040	m	12		1.5
	9	133 mm	LW375	412	990	m	10		1.4
170796	9	133 mm	LW376	395	1040	m	10		1.6
170796				422	1210		11		1.6
180796	10	89 mm	LW377	397	1080	m f	13		1.7
180796	10	89 mm	LW378	350	610		8		1.4
180796	10	89 mm	LW379		1110	m f	7		1.5
180796	10	89 mm	LW380	415		1	11		1.4
180796	10	89 mm	LW381	412	1000				
180796	10	89 mm	LW382	398	890	m	12		1.4
180796	10	89 mm	LW383	390	800	1			1.3
180796	10	89 mm	LW384	367	780	m	11		1.5
180796	10	89 mm	LW385	353	640	m	11		1.4
180796	10	89 mm	LW386	301	350	m	6		1.2
180796	10	114 mm	LW387	401	950	t	11		1.4
180796	10	114 mm	LW388	393	950	m	9		1.5
180796	10	114 mm	LW389	421	960	1	12		1.2
180796	10	133 mm	LW390	410	1270	m	14		1.8
180796	10	133 mm	LW391	393	900	m	10		1.4
190796	11	89 mm	LW392	282	280	m			1.2
190796	11	89 mm	LW393	350	650	1			1.5
190796	11	89 mm	LW394	395	890	m			1.4
190796	11	114 mm	LW395	360	670	1	7		1.4
190796	11	114 mm	LW396	370	740	m	8		1.4
190796	11	133 mm	LW397	411	1020	m	12		1.4

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Conditio
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolit	th Factor
070896	12	133 mm	LW398	434	1150	m	15	1.41
070896	12	133 mm	LW399	461	1570	m	13	1.60
070896	12	133 mm	LW400	425	1170	1	13	1.52
070896	12	89 mm	LW401	420	1320	1	10	1.78
070896	12	89 mm	LW402	422	1100	m	10	1.46
070896	12	89 mm	LW403	393	1010	4	10	1.66
070896	12	89 mm	LW404	355	720	4	10	1.61
070896	12	89 mm	LW405	385	890	m	9	1.56
070896	12	89 mm	LW406	402	910	m	11	1.40
070896	12	89 mm	LW407	358	610	m	9	1.33
070896	12	89 mm	LW408	331	540	f	7	1.49
070896	12	89 mm	LW409	312	380	m		1.25
70896	12	89 mm	LW410	335	450	m	9	1.20
070896	12	89 mm	LW411	332	450	f	7	1.23
70896	12	89 mm	LW412	350	660	1	7	1.54
70896	12	89 mm	LW413	305	360	4	7	1.27
70896	12	114 mm	LW414	374	760	m	9	1.45
70896	12	114 mm	LW415	410	900	m	12	1.31
70896	12	114 mm	LW416	395	820	4	13	1.33
70896	12	114 mm	LW417	425	1370	m	12	1.78
70896	12	114 mm	LW418	447	1420	f	14	1.59
80896	13	89 mm	LW419	329	500	1	7	1.40
80896	13	89 mm	LW420	380	880	m	11	1.60
80896	13	89 mm	LW421	365	690	m	8	1.42
80896	13	89 mm	LW422	330	450	f	7	1.25
80896	13	89 mm	LW423	308	420	f	9	1.44
80896	13	89 mm	LW424	322	470	f	7	
80896	13			306	410		,	1.41
	13	89 mm	LW425			m		1.43
80896		89 mm	LW426	292	340	f	5	1.37
80896	13	89 mm	LW427	308	400	1	6	1.37
80896	13	89 mm	LW428	342	610	m	7	1.52
80896	13	89 mm	LW429	414	1340	f	12	1.89
80896	13	89 mm	LW430	305	380	m	5	1.34
80896	13	89 mm	LW431	459	1590	m	14	1.64
80896	13	89 mm	LW432	422	1090	m	13	1.45
80896	13	89 mm	LW433	342	480	m	7	1.20
80896	13	89 mm	LW434	333	510	m	6	1.38
80896	13	89 mm	LW435	394	780	f	10	1.28
80896	13	114 mm	LW436	369	760	f	9	1.51
80896	13	114 mm	LW437	361	750	1	8	1.59
80896	13	114 mm	LW438	358	620	F	7	1.35
80896	13	114 mm	LW439	375	790	m	9	1.50
80896	13	114 mm	LW440	390	810	m	11	1.37
80896	13	114 mm	LW441	448	1330	m	14	1.48
80896	13	114 mm	LW442	388	840	m	10	1.44
80896	13	114 mm	LW443	341	550	f	8	1.39
80896	13	133 mm	LW444	408	1070	f	13	1.58
80896	13	133 mm	LW445	426	1220	m	12	1.58
80896	13	133 mm	LW446	433	1330	1	12	1.64
80896	13	133 mm	LW447	439	1210	m	11	1.43

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
090896	14	89 mm	LW448	457	1620	#		1.70
090896	14	89 mm	LW449	472			9	
090896	14	89 mm	LW450	332	530	f	9	1.45
090896	14	89 mm	LW451	375	800	m	8	1.52
090896	14	89 mm	LW452	391	960	m	12	1.61
090896	14	89 mm	LW453	399	990	#	11	1.56
090896	14	89 mm	LW454	396	970		9	1.56
090896	14	89 mm	LW455	330	480	#	7	1.34
090896	14	89 mm	LW456	323	490	f	8	1.45
090896	14	89 mm	LW457	303	360	m	6	1.29
090896	14	89 mm	LW458	305	370	m	5	1.30
090896	14	89 mm	LW459	420	1080	f	10	1.46
090896	14	89 mm	LW460	425	1160	m	13	1.51
090896	14	89 mm	LW461	425	1080		9	1.41
090896	14	89 mm	LW462	402	850		9	1.31
090896	14	89 mm	LW463	337	600	m	7	1.57
090896	14	89 mm	LW464	408	890	#	14	1.31
090896	14	89 mm	LW465	339	640	m	9	1.64
090896	14	89 mm	LW466	370	750	#	8	1.48
090896	14	89 mm	LW467	384	860	f		1.52
090896	14	89 mm	LW468	355	730	f		1.63
090896	14	89 mm	LW469	320	460	f		1.40
090896	14	89 mm	LW470	301	330	m		1.21
090896	14	89 mm	LW471	310	390	m		1.31
090896	14	89 mm	LW472	289	310	m		1.28
090896	14	89 mm	LW473	299	370	m		1.38
090896	14	89 mm	LW474	305	350	f		1.23
090896	14	114 mm	LW475	365	670	m	8	1.38
090896	14	114 mm	LW476	380	830	f	11	1.51
090896	14	114 mm	LW477	413	930		12	1.32
090896	14	114 mm	LW478	362	790		7	1.67
090896	14	114 mm	LW479	389	760	f	10	1.29
090896	14	114 mm	LW480	383	870		6	1.55
090896	14	114 mm	LW481	424	1290	4	12	1.69
090896	14	114 mm	LW482	428	1300	m	12	1.66
090896	14	114 mm	LW483	401	910	m	11	1.41
090896	14	114 mm	LW484	370	810	***	8	1.60
		114 mm	LW485	402	870	m	11	1.34
090896	14			490	2050	m	14	1.74
090896	14	114 mm	LW486				12	1.20
090896	14	114 mm	LW487	376	640	m f	5	
090896	14	114 mm	LW488	298	330			1.25
090896	14	114 mm	LW489	389	930	1	12	1.58
090896	14	114 mm	LW490	418	1210	f	13	1.66
090896	14	114 mm	LW491	444	1260	4	7	1.44
090896	14	114 mm	LW492	409	1000	f	12	1.46
090896	14	114 mm	LW493	348	630	m	8	1.49
090896	14	114 mm	LW494	391	830	f	7	1.39
090896	14	114 mm	LW495	388	760	m		1.30
090896	14	114 mm	LW496	411	940	f		1.35
090896	14	114 mm	LW497	372	700	f		1.36

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Conditio
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
090896	14	133 mm	LW498	412	1090	m	12	1.56
090896	14	133 mm	LW499	450	1440	f	13	1.58
090896	14	133 mm	LW500	420	1330	m	13	1.80
090896	14	133 mm	LW501	402	1060	m	9	1.63
090896	14	133 mm	LW502	402	980		10	1.51
090896	14	133 mm	LW503	413	1170		15	1.66
090896	14	133 mm	LW504	425	1300	m	13	1.69
090896	14	133 mm	LW505	500			13	0.00
090896	14	133 mm	LW506	405	1010	f	11	1.52
090896	14	133 mm	LW507	412	1230	f	11	1.76
090896	14	133 mm	LW508	451	1330		12	1.45
140896	15	89 mm	LW509	320	420	m	5	1.28
140896	15	89 mm	LW510	413	1240	m	11	1.76
140896	15	89 mm	LW511	426	1080	#	10	1.40
140896	15	89 mm	LW512	414	1310	1	12	1.85
140896	15	89 mm	LW513	399	960	m	8	1.51
140896	15	89 mm	LW514	374	700	m		1.34
140896	15	89 mm	LW515	374	620	f	9	1.19
140896	15	89 mm	LW516	459	1460	m	13	1.51
140896	15	89 mm	LW517	355	680	m	9	1.52
140896	15	89 mm	LW518	414	1230	m	10	1.73
140896	15	89 mm	LW519	411	970	m	12	1.40
140896	15	89 mm	LW520	365	740	f	7	1.52
140896	15	89 mm	LW521	422	1240	m	12	1.65
140896	15	89 mm	LW522	355	700	f	11	1.56
140896	15	89 mm	LW523	378	720	m	11	1.33
140896	15	89 mm	LW524	458	1600	m	. ,	1.67
140896	15	89 mm	LW525	370	690	m		1.36
140896	15	89 mm	LW526	398	820	m		1.30
140896	15	89 mm	LW527	380	620	m		1.13
140896	15	89 mm	LW528	358	510	m		1.11
140896	15	89 mm	LW529	350	490	1		1.14
140896	15	89 mm	LW530	349	490	m		1.15
140896	15	89 mm	LW531	354	510	4		1.15
140896	15	114 mm	LW532	389	770		10	
140896	15	114 mm	LW532	423	1100	m	7	1.31
140896	15	114 mm	LW533	395	840		11	1.45
					840	490		1.36
140896	15	114 mm	LW535	396	000	m	9	4.05
140896	15	114 mm	LW536	366	660	1	9	1.35
140896	15	114 mm	LW537	435	1000	m	11	1.21
140896	15	114 mm	LW538	415	990	m	10	1.39
140896	15	114 mm	LW539	364	730	m	9	1.51
140896	15	133 mm	LW540	433	1370	m	13	1.69
140896	15	133 mm	LW541	480		f	13	
140896	15	133 mm	LW542	401	1080	m	11	1.67
140896	15	133 mm	LW543	402	1130	1	9	1.74
140896	15	133 mm	LW544	503	2190	m	18	1.72
140896	15	133 mm	LW545	465	1430	f	14	1.42
140896	15	133 mm	LW546	470	1820	f	13	1.75
140896	15	133 mm	LW547	455	1440	m	13	1.53

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
150896	16	89 mm	LW548	372	640	1	7	1.24
150896	16	89 mm	LW549	309	340	m	7	1.15
150896	16	89 mm	LW550	383	790		10	1.41
150896	16	89 mm	LW551	340	470	m '	7	1.20
150896	16	89 mm	LW552	360	670	m	7	1.44
150896	16	89 mm	LW553	304	360	m	6	1.28
150896	16	89 mm	LW554	315	440	m	4	1.41
150896	16	89 mm	LW555	400	940	m	11	1.47
150896	16	89 mm	LW556	293	320	f	4	1.27
150896	16	89 mm	LW557	335	530	m	7	1.41
150896	16	89 mm	LW558	401	800	m	9	1.24
150896	16	89 mm	LW559	317	450	m	4	1.41
150896	16	89 mm	LW560	396	880	f	10	1.42
150896	16	89 mm	LW561	367	750	f	11	1.52
150896	16	89 mm	LW562	441	1380		13	1.61
150896	16	89 mm	LW563	329	470	f	4	1.32
150896	16	89 mm	LW564	387	880	f	7	1.52
150896	16	89 mm	LW565	436	1170	m	9	1.41
150896	16	89 mm	LW566	366	660	#	7	1.35
150896	16	89 mm	LW567	370	680	m	9	1.34
150896	16	114 mm	LW568	450	1650	f	12	1.81
150896	16	114 mm	LW569	392	880	m	7	1.46
150896	16	114 mm	LW570	401	1000	m	15	1.55
150896	16	114 mm	LW571	400	900	f		1.41
150896	16	114 mm	LW572	405	1030		10	1.55
150896	16	114 mm	LW573	422	1140	*	9	1.52
150896	16	114 mm	LW574	396	900	*	7	1.45
150896	16	114 mm	LW575	342	600		7	1.50
150896	16	133 mm	LW576	415	1280	m	12	1.79
150896	16	133 mm	LW577	421	1220	1	11	1.63
150896	16	133 mm	LW578	397	970	1	7	1.55
160896	17	89 mm	LW579	396	940	1	9	1.51
160896	17	89 mm	LW580	303	320	m	6	1.15
160896	17	89 mm	LW581	391	800	1	7	1.34
160896	17	89 mm	LW582	406	900	m	13	1.34
160896	17	89 mm	LW583	378	760	1	11	1.41
160896	17	89 mm	LW584	456	1540	1	.,	1.62
160896	17	89 mm	LW585	342	680	1	7	1.70
160896	17	89 mm	LW586	350	580	m	6	1.35
160896	17	89 mm	LW587	365	680	f	7	1.40
160896	17	89 mm	LW588	371	630	m	6	1.23
160896	17		LW589	401	980			1.53
	17	89 mm		378	760	m f	8	1.41
160896		89 mm	LW590			1		
160896	17	114 mm	LW591	419	1250		8	1.70
160896	17	114 mm	LW592	387	830	f	8	1.43
230896	19	89 mm	LW616	350	520	m	6	1.2
230896	19	89 mm	LW617	401	890		7	1.3
230896	19	89 mm	LW618	356	700	1	7	1.5
								1.09
230896 230896	19 19	89 mm 89 mm	LW619 LW620	321 405	360 1060	m f		7

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Conditio
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
230896	19	89 mm	LW621	317	390	m	6		1.22
230896	19	89 mm	LW622	345	540	#	5		1.32
230896	19	89 mm	LW623	395	890	m	8		1.44
230896	19	89 mm	LW624	339	510		5		1.31
230896	19	89 mm	LW625	334	460	m	5		1.23
230896	19	89 mm	LW626	342	490	f	5		1.22
230896	19	89 mm	LW627	414	940	m	9		1.32
230896	19	89 mm	LW628	310	360	f	7		1.21
230896	19	89 mm	LW629	371	630	m	8		1.23
230896	19	89 mm	LW630	420	1030	m	8		1.39
230896	19	89 mm	LW631	388	810		8		1.39
230896	19	89 mm	LW632	375		f	5		
230896	19	89 mm	LW633	367	650	m	7		1.31
230896	19	89 mm	LW634	397	940	m	10		1.50
230896	19	89 mm	LW635	375	730	m	9		1.38
230896	19	133 mm	LW636	415	970	#	9		1.36
230896	19	133 mm	LW637	415	1000	1	9		1.40
200000		100 11111	211001			•			
ONGNOSE	SUCKER	(Catostomus o	atostomus)						
OH GITTOUR !	J G GICEII	(Galloutoffide)	Parto Home						
250696	1	114 mm	LN001	490	1536	+			1.31
250696	1	114 mm	LN002	462	1200	f	11		1.22
250696	1	114 mm	LN003	396	709	m			1.14
260696	1	133 mm	LN004	527	1900	#	14		1.30
260696	1	133 mm	LN005	523	1909	f	14		1.33
260696	1	133 mm	LNOOS	511	1736	f	13		1.30
260696	1	89 mm	LN007	420	855	m	10		1.15
260696	1	89 mm	LNOOB	435	1000	m	9		1.21
260696	1	89 mm	LN009	399	718	m			1.13
	1		LN010	499	1418	f	12		1.14
260696		114 mm					12		
260696	1	114 mm	LN011	431	1136	m	10		1.42
260696	1	114 mm	LN012	485	1400	*	12		1.23
260696	1	114 mm	LN013	430	1127	m			1.42
260696	1	114 mm	LNO14	455	1182	m	14		1.25
260696	1	114 mm	LNO15	420	955	*			1.29
260696	1	114 mm	LN016	468	1355	4	13		1.32
270696	1	114 mm	LN017	458	1010	m	12		1.05
270696	1	114 mm	LN018	436	1090	m			1.32
270696	1	114 mm	LN019	493	1860	f			1.58
270696	1	114 mm	LN020	473	1440				1.36
270696	1	114 mm	LN021	435	1430	m			1.74
270696	1	114 mm	LN022	432	1460		12		1.81
270696	1	114 mm	.NO23	425	920	f			1.20
270696	1	133 mm	LN024	492	1650	m	17		1.38
280696	1	89 mm	LN025	389	720	f			1.22
280696	1	89 mm	LN026	419	960	m			1.31
280696	1	89 mm	LN027	378	750	m	8		1.39
280696	1	89 mm	LN028	501	1570	f	13		1.25
280696	1	89 mm	LN029	427	1050	m			1.39
280696	1	89 mm	LN030	440	1080	ŧ			1.27

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin Otolith	Factor
280696	1	89 mm	LN031	362	620	m		1.31
280696	1	89 mm	LN032	436	1250	f	10	1.51
280696	1	89 mm	LN033	465	1370	f		1.36
280696	1	89 mm	LN034	392	840	m	6	1.39
280696	1	89 mm	LN035	412	980	m		1.40
280696	1	89 mm	LN036	449	1230	m	10	1.36
280696	1	89 mm	LN037	374	700	m		1.34
280696	1	89 mm	LN038	413	860	m		1.22
280696	1	89 mm	LN039	324	450	m	5	1.32
280696	1	89 mm	LN040	431	990	m		1.24
280696	1	89 mm	LN041	554	2430	f	15	1.43
280696	1	89 mm	LN042	510	1610	4		1.21
280696	1	89 mm	LN043	440	1060	m	13	1.24
280696	1	89 mm	LNO44	381	710	m	10	1.28
280696	1	89 mm	LN045	454	1280			1.37
280696	1	89 mm	LN046	373	650			1.25
280696	1	89 mm	LNO47	391	790	m	8	1.32
280696	1	89 mm	LNO48	446	1180			1.33
280696	1	89 mm	LN049	369	700	m	7	1.39
280696	1	89 mm	LN050	500	1520	1	14	1.22
280696	1	89 mm	LN051	347	540	m		1.29
280696	1	89 mm	LN052	429	1010	4	9	1.28
280696	1	89 mm	LN053	429	990	m		1.25
280696	1	89 mm	LN054	350	410	m		0.96
280696	1	89 mm	LN055	377	750	m		1.40
280696	1	89 mm	LN056	376	720		7	1.35
280696	1	89 mm	LN057	320	340	m		1.04
280696	1	89 mm	LNO58	380	700	***	8	1.28
280696	1	89 mm	LN059	395	350	m		0.57
280696	1	89 mm	LN060	374	360	***		0.69
280696	1	89 mm	LN061	375	760	m		1.44
280696	1	133 mm	LN062	501	1620	f	13	1.29
280696	1	133 mm	LN063	494	1470	f	13	1.22
280696	1	133 mm	LN064	471	1360	1	14	1.30
	1	133 mm	LN065	574	2030	Ť	14	1.07
280696	1		LN066	445	1000	m	13	1.13
280696	1	133 mm	LN067	509	1630	1	15	1.24
280696		133 mm				•		
280696	1	133 mm	LN068	500	1620		13	1.30
280696	1	133 mm	LN069	465	1330	m	12	1.32
040796	2	89 mm	LN070	445	1130	m	11	1.28
040796	2	89 mm	LN071	500	1540	m	18	1.23
040796	2	89 mm	LN072	410	920	m		1.33
040796	2	89 mm	LN073	351	560	m	6	1.29
040796	2	89 mm	LN074	393	770	m	4.4	1.27
040796	2	89 mm	LN075	442	1230	m	11	1.42
040796	2	89 mm	LN076	353	640	m		1.45
040796	2	89 mm	LN077	436	1040	m		1.25
040796	2	89 mm	LN078	528	1900	m		1.29
040796	2	89 mm	LN079	490	1330	1	12	1.13
040796	2	89 mm	LN080	499	1540	1		1.24

Appendix 4. Continued.

040796 040796 040796 040796 050796 050796 050796 050796 050796	# 2 2 2 2 2 3 3 3 3	89 mm 89 mm 89 mm 89 mm 89 mm	LNO81 LNO82 LNO83 LNO84	365 330	(g) 650	m	Fin	Otolith	Factor
040796 040796 040796 050796 050796 050796 050796	2 2 2 3 3 3	89 mm 89 mm 89 mm	LN082 LN083	330		m			
040796 040796 040796 050796 050796 050796 050796	2 2 2 3 3 3	89 mm 89 mm 89 mm	LN082 LN083	330		m			
040796 040796 050796 050796 050796 050796	2 2 3 3 3	89 mm 89 mm 89 mm	LNO83				6		1.34
040796 050796 050796 050796 050796	2 3 3 3	89 mm 89 mm			390	m			1.09
050796 050796 050796 050796 050796	3 3	89 mm	LNO84	325	480	m	5		1.40
050796 050796 050796 050796	3			356	560	m	7		1.24
050796 050796 050796	3	00	LN085	397	890	f	8		1.42
050796 050796		89 mm	LN086	340	540	m	6		1.37
050796	3	89 mm	LNO87	466	1260	f	13		1.25
		89 mm	LNOSS	384	670	m			1.18
050796	3	89 mm	LN089	476	1270	f	13		1.18
	3	89 mm	LN090	468	1180	m			1.15
050796	3	89 mm	LN091	297	410	m			1.57
050796	3	89 mm	LN092	316	460	m			1.46
050796	3	89 mm	LN093	484	1280	f	13		1.13
050796	3	89 mm	LN094	506	1450	m			1.12
050796	3	89 mm	LN095	482	1230	m	13		1.10
050796	3	89 mm	LN096	474	1350	m			1.27
050796	3	89 mm	LN097	469	1240	f	13		1.20
050796	3	89 mm	LN098	458	1110	1			1.16
050796	3	89 mm	LN099	441	1080				1.26
050796	3	89 mm	LN100	433	980	m			1.21
050796	3	114 mm	LN101	424	1200	f			1.57
050796	3	114 mm	LN102	514	1610	1	12		1.19
050796	3	114 mm	LN103	465	1040	f	12		
050796	3	114 mm	LN104	461			10		1.03
050796	3	114 mm			1300	m	12		1.33
	3	114 mm	LN105	482	1160	m	11		1.04
050796			LN106	442	1130	m	14		1.31
050796	3	114 mm	LN107	438	1120	m	10		1.33
050796	3	114 mm	LN108	440	1020	m	11		1.20
050796	3	114 mm	LN109	473	1370	m	16		1.29
050796	3	114 mm	LN110	484	1310	m	12		1.16
050796	3	114 mm	LN111	464	1420	f			1.42
050796	3	114 mm	LN112	439	1070	m			1.26
050796	3	114 mm	LN113	450	1200	f			1.32
050796	3	114 mm	LN114	513	1420	f	14		1.05
050796	3	114 mm	LN115	409	970	f			1.42
050796	3	133 mm	LN116	499	1560	1	13		1.26
050796	3	133 mm	LN117	537	1650	m			1.07
050796	3	133 mm	LN118	549	1900	m	20		1.15
050796	3	133 mm	LN119	489	1420	f	12		1.21
050796	3	133 mm	LN120	491	1520		10		1.28
050796	3	133 mm	LN121	490	1410	f	15		1.20
050796	3	133 mm	LN122	539	1980	1			1.26
050796	3	133 mm	LN123	610	2670	*	15		1.18
090796	4	133 mm	LN124	520	1940	m			1.38
090796	4	133 mm	LN125	532	1740	9	13		1.16
090796	4	133 mm	LN126	430	1170	m	14		1.47
090796	4	133 mm	LN127	513	1710	***	14		
90796	4	133 mm	LN128	527	1740				1.27
090796	4	114 mm	LN129	511		4	15		1.19
090796	4	114 mm	LN130	506	1480 1530	f m	15 13		1.11

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)	Conditio
ddmmyy)		Mesh	Number	(mm)	(g)		Fin Otolith	Factor
090796	4	114 mm	LN131	490	1480	*	13	1.26
090796	4	114 mm	LN132	459	1220	*	14	1.26
090796	4	114 mm	LN133	495	1400	m	13	1.15
090796	4	114 mm	LN134	509	1800	m		1.36
090796	4	114 mm	LN135	544	1990	f	15	1.24
090796	4	114 mm	LN136	469	1440	m	13	1.40
090796	4	114 mm	LN137	573	2150	f	14	1.14
090796	4	89 mm	LN138	473	1350	m		1.28
090796	4	89 mm	LN139	502	1650	m		1.30
090796	4	89 mm	LN140	525	1710	m		1.18
090796	4	89 mm	LN141	472	1280	4	10	1.22
090796	4	89 mm	LN142	432	1070	m		1.33
090796	4	89 mm	LN143	523	1820	#	11	1.27
090796	4	89 mm	LN144	489	1540	m		1.3
090796	4	89 mm	LN145	381	620	m		1.13
090796	4	89 mm	LN146	503	1310	•		1.0
090796	4	89 mm	LN147	418	960	rm		1.3
090796	4	89 mm	LN148	566	2190	f		1.2
090796	4	89 mm	LN149	500	1440	m	10	1.1
090796	4	89 mm	LN150	558	1920	m		1.1
090796	4	89 mm	LN151	516	1660	f		1.2
090796	4	89 mm	LN152	518	1690	m		1.2
	4	89 mm	LN153	485	1270	m		1.1
090796	4	89 mm	LN154	430	1310	m		1.6
090796		89 mm	LN155	490	1530	m	14	1.3
090796	4		LN156	452	1170	m		1.2
090796	4	114 mm	LN157	425	1140	m	14	1.4
090796	4	114 mm		449	1190	m	12	1.3
090796	4	114 mm	LN158	528	1770	m	18	1.2
100796	5	133 mm	LN159		2330	1	16	1.1
100796	5	133 mm	LN160	597		ŧ	15	1.2
100796	5	133 mm	LN161	574	2340		19	1.1
100796	5	114 mm	LN162	439	970	m		1.1
100796	5	114 mm	LN163	515	1610	m		1.3
100796	5	114 mm	LN164	482	1510	m	12	
100796	5	114 mm	LN165	526	1730	m	13	1.1
100796	5	114 mm	LN166	531	1690	m		1.3
110796	6	89 mm	LN167	623	3110	1		
110796	6	89 mm	LN168	490	1520	m	10	1.3
110796	6	89 mm	LN169	404	740	m	10	1.
110796	6	89 mm	LN170	560	1940	m	22	1.
110796	6	89 mm	LN171	452	1170	m	12	1.
110796	6	89 mm	LN172	441	930	f		1.0
110796	6	89 mm	LN173	368	660	m		1.
110796	6	89 mm	LN174	367	620	m		1.
110796	6	89 mm	LN175	446	1060	f	14	1.
110796	6	89 mm	LN176	524	1630	•		1.
110796	6	89 mm	LN177	456	1120	m	9	1.
110796	6	89 mm	LN178	450	1090	m	11	1.
110796		89 mm	LN179	536	1840	m		1.
110796		89 mm	LN180	439	950	*		1.

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
(ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
110796	6	89 mm	LN181	483	1290	m			1.14
110796	6	89 mm	LN182	387	740	m			1.28
110796	6	89 mm	LN183	409	950	m			1.39
110796	6	89 mm	LN184	495	1460	m			1.20
110796	6	89 mm	LN185	575	2070	f			1.09
110796	6	89 mm	LN186	491	1390	m			1.17
110796	6	114 mm	LN187	572	2150				1.15
110796	6	114 mm	LN188	539	1920	m			1.23
110796	6	133 mm	LN189	565	2260	m	18		1.25
110796	6	133 mm	LN190	555	2200	1	16		1.29
110796	6	133 mm	LN191	515	1810	f	14		1.33
110796	6	133 mm	LN192	555	2330	m	18		1.36
110796	6	133 mm	LN193	571	2270	•	16		1.22
120796	7	89 mm	LN194	422	870	m	12		1.16
120796	7	89 mm	LN195	454	1100	m	7		1.18
120796	7	89 mm	LN196	352	540	m	11		1.24
120796	7	89 mm	LN197	469	1180	m	13		1.14
120796	7	89 mm	LN198	430	1020	f	12		1.28
120796	7	89 mm	LN199	475	1160	f	13		1.08
120796	7	89 mm	LN200	475	1440	1	13		1.34
120796	7	89 mm	LN201	310	440	m	4		1.48
120796	7	89 mm	LN202	410	720	m	13		1.04
120796	7	89 mm	LN203	422	780	m			1.04
120796	7	89 mm	LN204	456	1110	m	9		1.17
120796	7	89 mm	LN205	514	1630	m			1.20
120796	7	89 mm	LN206	488	1430	m			1.23
120796	7	89 mm	LN207	506	1440	f	13		1.11
120796	7	89 mm	LN208	345	760				1.85
120796	7	89 mm	LN209	461	1220				1.25
120796	7	89 mm	LN210	385	740	m			1.30
120796	7	89 mm	LN211	473	1310	m			1.24
120796	7	89 mm	LN212	420	870	f			1.17
120796	7	89 mm	LN213	447	1080	m			1.21
120796	7	89 mm	LN214	460	1220	m			1.25
120796	7	89 mm	LN215	447	1120				1.25
120796				453		m f			1.25
1997	7	89 mm	LN216		1160				
120796			LN217	470	1310	m			1.26
120796	7	89 mm	LN218	449	1060	m			1.17
120796	7	89 mm	LN219	561	1910	f			1.08
120796	7	89 mm	LN220	472	1270	1			1.21
120796	7	89 mm	LN221	422	1030	m			1.37
120796	7	89 mm	LN222	458	1140	1			1.19
120796	7	89 mm	LN223	446	1010	m			1.14
120796	7	89 mm	LN224	414	920	m			1.30
120796	7	89 mm	LN225	518	1590	m			1.14
120796	7	89 mm	LN226	477	1360	f			1.25
120796	7	89 mm	LN227	439	940	f			1.11
120796	7	89 mm	LN228	554	1770	f			1.04
120796	7	89 mm	LN229	490	1500	m			1.27
120796	7	89 mm	LN230	468	1200	f			1.17

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
aditatiyy?									
120796	7	89 mm	LN231	398	730	m			1.16
120796	7	89 mm	LN232	440	1000	m			1.17
120796	7	89 mm	LN233	560	2030	f			1.16
120796	7	89 mm	LN234	404	930	m			1.41
120796	7	89 mm	LN235	450	1090	m			1.20
120796	7	89 mm	LN236	442	1170	m			1.35
120796	7	89 mm	LN237	412	820	f			1.17
120796	7	89 mm	LN238	394	720	m			1,18
120796	7	89 mm	LN239	415	940	m			1.32
120796	7	89 mm	LN240	378	650	m			1.20
120796	7	89 mm	LN241	465	1290	m			1.28
120796	7	89 mm	LN242	390	760	f			1.28
120796	7	89 mm	LN243	459	1170	*			1.21
120796	7	89 mm	LN244	380	720	f			1.31
120796	7	114 mm	LN245	411	880	m	10		1.27
120796	7	114 mm	LN246	503	1720		20		1.35
120796	7	114 mm	LN247	485	1420	m			1.24
120796	7	114 mm	LN248	529	1720	f	13		1.16
120796	7	114 mm	LN249		2140	*			
120796	7	114 mm	LN250	447	1210	m	10		1.39
120796	7	114 mm	LN251	482	1420	m			1.2
120796	7	114 mm	LN252	552	2310	m	18		1.3
	7	114 mm	LN253	499	1360	f			1.0
120796	7	114 mm	LN254	533	1730	+	13		1.1
120796	7	114 mm	LN255	462	1360	f			1.3
120796	7	114 mm	LN256	484	1210	f	11		1.0
120796	7	114 mm	LN257	552	2090	f			1.2
120796	7	114 mm	LN258	471	1490	m	12		1.4
120796	7	114 mm	LN259	501	1640	f			1.3
120796	7		LN260	462	1340	m	14		1.3
120796		114 mm	LN261	445	1120	m			1.2
120796	7	114 mm	LN262	490	1440	m			1.2
120796	7	114 mm	LN263	455	1200	m			1.2
120796	7	114 mm	LN264	515	1600	m			1.1
120796	7	114 mm	LN265	445	1090	m			1.2
120796	7	114 mm	LN266	481	1380	m			1.2
120796	7	114 mm	LN267	445	1120	f			1.2
120796	7	114 mm		500	1540	1			1.3
120796	7	114 mm	LN268 LN269	538	1600	4			1.0
120796	7	114 mm	LN270	460	1120	m			1.
120796	7	114 mm		500	1360	f			1.0
120796	7	114 mm	LN271	444	1120	m			1.3
120796	7	114 mm	LN272	413	970	1			1.5
120796	7	114 mm	LN273	475	1400	f			1.
120796	7	114 mm	LN274	493	1370	1			1.
120796		114 mm	LN275		1400	1			1.
120796		114 mm	LN276	476	1480	m			1.
120796		114 mm	LN277	500	1460	t			1.
120796		114 mm	LN278	504	1000	m			1.
120796	7	114 mm	LN279	460	1000	111			1.

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex		age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
120796	7	114 mm	LN281	492	1470	m			1.23
120796	7	114 mm	LN282	461	1230	m			1.26
120796	7	114 mm	LN283	451	1180	m			1.29
120796	7	114 mm	LN284	516	1660	m			1.21
120796	7	114 mm	LN285	501	1560	m			1.24
120796	7	114 mm	LN286	514	1690	4			1.24
120796	7	114 mm	LN287	457	1250	m			1.31
120796	7	114 mm	LN288	470	1160	m			1.12
120796	7	114 mm	LN289	488	1400	Ť			1.20
120796	7	114 mm	LN290	397	870	m			1.39
120796	7	114 mm	LN291	473	1440	m			1.36
120796	7	114 mm	LN292	467	1380	m			1.35
120796	7	114 mm	LN293	500	1480	4			1.18
120796	7	133 mm	LN294	545	1980	m	17		1.22
120796	7	133 mm	LN295	554	1960	1	12		1.15
120796	7	133 mm	LN296	493	1430	m			1.19
120796	7	133 mm	LN297	564	2060	m	14		1.15
120796	7	133 mm	LN298	539	1840	f	12		1.18
120796	7	133 mm	LN299	499	1770	m	13		1.42
120796	7	133 mm	LN300	503	1620	m	16		1.27
120796	7	133 mm	LN301	503	1730				1.36
120796	7	133 mm	LN302	470	1400	m	12		1.35
120796	7	133 mm	LN303	518	1550	†	13		1.12
120796	7	133 mm	LN304	476	1480	f	14		1.37
120796	7	133 mm	LN305	469	1320	m	14		1.28
160796	8	89 mm	LN328	369	710	f			1.41
160796	8	89 mm	LN329	459	1340	m	14		1.39
160796	8	89 mm	LN330	375	690	m			1.31
160796	8	89 mm	LN331	430	870	m	9		1.09
160796	8	89 mm	LN332	473	1380	1			1.30
160796	8	89 mm	LN333	480	1650	1			1.49
160796	8	89 mm	LN334	447	1100	-			1.23
160796	8	89 mm	LN335	383	790	m	9		1.41
160796	8	89 mm	LN336	340	570	m			1.45
160796	8	89 mm	LN337	375	740	m	9		1.40
160796	8	89 mm	LN338	407	810	f			1.20
160796	8	89 mm	LN339	425	1070	1	9		1.39
160796	8	89 mm	LN340	403	700		3		1.07
160796	8	89 mm	LN341	363	610	m f			1.28
160796	8	89 mm	LN342	409	010	1			1.20
160796	8	89 mm	LN343	510	1630				1 22
						m			1.23
160796	8	114 mm	LN344	470	1600	m			1.54
160796	8	114 mm	LN345	556	2140	m	15		1.25
160796	8	114 mm	LN346	528	1630	-	15		1.11
160796	8	114 mm	LN347	436	1010	m	14		1.22
160796	8	114 mm	LN348	396	870	m			1.40
160796	8	114 mm	LN349	409	710	m			1.04
160796	8	114 mm	LN350	571	2310	m	19		1.24
160796	8	114 mm	LN351	499	1460	m	16		1.18
160796	8	114 mm	LN352	442	1240	m	12		1.44

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
160796	8	114 mm	LN353	482	1470	m	16		1.31
160796	8	114 mm	LN354	473	1380	1	14		1.30
160796	8	114 mm	LN355	450	1340	f	8		1.47
160796	8	133 mm	LN356	495	1510	f	10		1.24
160796	8	133 mm	LN357	489	1580	m	15		1.35
160796	8	133 mm	LN358	466	1630	f	10		1.61
160796	8	133 mm	LN359	436	1110	m	12		1.34
160796	8	133 mm	LN360	470	1720	m	10		1.66
160796	8	133 mm	LN361	543	2250	f	14		1.41
160796	8	133 mm	LN362	535	1980	m			1.29
160796	8	133 mm	LN363	560	2310		16		1.32
170796	9	89 mm	LN364	408	860	1			1.27
170796	9	89 mm	LN365	382	660	m	8		1.18
170796	9	89 mm	LN366	490	1430	Ť			1.22
170796	9	89 mm	LN367	466	1140	t	14		1,13
170796	9	89 mm	LN368	364	620	m			1.29
170796	9	89 mm	LN369	450	1020	m			1.12
170796	9	89 mm	LN370	455	1220	m			1.30
170796	9	89 mm	LN371	464	1310	f	11		1.31
170796	9	89 mm	LN372			*			
170796	9	89 mm	LN373	418	940	m	9		1.29
170796	9	89 mm	LN374	388	680	m			1.16
170796	9	89 mm	LN375		1880	f	16		
170796	9	89 mm	LN376	395	880	m			1.43
170796	9	89 mm	LN377	534	1890	m			1.24
170796	9	89 mm	LN378	370	640	m			1.26
170796	9	89 mm	LN379	419	940	m			1.28
170796	9	89 mm	LN380	482	1460	m			1.30
170796	9	89 mm	LN381	472	1370	m			1.30
170796	9	89 mm	LN382	556	2120	t			1.23
				488	1510	t			1.30
170796	9	89 mm	LN383	462	1270				1.29
170796	9	89 mm	LN384			m f			1.05
170796	9	89 mm	LN385	566	1900				
170796	9	89 mm	LN386	442	1100	m			1.27
170796	9	89 mm	LN387	429	920	m			
170796	9	89 mm	LN388	374	680	m	4.0		1.30
170796	9	114 mm	LN389	445	1120	f	10		1.2
170798	9	114 mm	LN390	507	1440	1	11		1.10
170796	9	114 mm	LN391	547	1910	1	14		1.1
170796	9	114 mm	LN392	594	2500	†	16		1.19
170796	9	114 mm	LN393	447	1180	m	17		1.3
170796	9	114 mm	LN394	510	1850	m	14		1.3
170796	9	114 mm	LN395	487	1370	f	13		1.1
170796	9	114 mm	LN396	495	1430	m	19		1.1
170796	9	114 mm	LN397	509	1630	m	16		1.2
170796	9	114 mm	LN398	454	1100	f	10		1,1
170796	9	114 mm	LN399	439	1040	ŧ	14		1.2
170796	9	114 mm	LN400	420	920	f	8		1.2
170796	9	114 mm	LN401	448	1200	f	9		1.3
170796	9	114 mm	LN402	470	1270	f	13		1.2

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Conditio
ddmmyy)		Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
170796	9	114 mm	LN403	457	1300	m	13		1.36
170796	9	114 mm	LN404	469	1260	1	9		1.22
170796	9	114 mm	LN405	437	1010	m			1.21
170796	9	114 mm	LN406	418	1000	1			1.37
170796	9	114 mm	LN407	461	1270	m			1.30
170796	9	114 mm	LN408	459	1130	m			1.17
170796	9	114 mm	LN409	439	1190	1			1.41
170796	9	114 mm	LN410	465	1130	m			1.12
170796	9	133 mm	LN411	455	1290	#	9		1.37
170796	9	133 mm	LN412	455	1380	m	15		1.47
70796	9	133 mm	LN413	514	1730	m			1.27
70796	9	133 mm	LN414	536	1940	1	14		1.26
70796	9	133 mm	LN415	594	2560	4	16		1.22
70796	9	133 mm	LN416	559	2070	f	15		1.19
70796	9	133 mm	LN417	521	1820	m	15		1.29
70796	9	133 mm	LN418	550	1880	m			1.13
80796	10	89 mm	LN419	383	730	m	7		1.30
80796	10	89 mm	LN420	376	730	1	7		1.37
80796	10	89 mm	LN421	375	670	m	7		1.27
80796	10	89 mm	LN421	354	560	f	8		
	10					1	6		1.26
80796		89 mm	LN423	324	440	4			1.29
80796	10	89 mm	LN424	399	870		9		1.37
80796	10	89 mm	LN425	447	1020	m			1.14
80796	10	89 mm	LN426	429	1150	m			1.46
80796	10	114 mm	LN427	544	1940	m			1.21
80796	10	114 mm	LN428	474	1270	m	14		1.19
80796	10	114 mm	LN429	434	1050	m	12		1.28
80796	10	114 mm	LN430	434	1170	m			1.43
80796	10	114 mm	LN431	477	1570	m			1.45
80796	10	114 mm	LN432	451	1230	m	13		1.34
80796	10	133 mm	LN433	482	1480	m	14		1.32
80796	10	133 mm	LN434	482	1740	m	9		1.55
80796	10	133 mm	LN435	460	1600	f	14		1.64
90796	11	89 mm	LN436	540	2060	m			1.31
90796	11	114 mm	LN437	463	1290	m	13		1.30
90796	11	114 mm	LN438	528	1970	m			1.34
90796	11	114 mm	LN439	465	1270	f	13		1.26
70896	12	133 mm	LN440	559	2120	#	14		1.21
70896	12	133 mm	LN441	467	1360	#	10		1.34
70896	12	133 mm	LN442	446	1350	m	11		1.52
70896	12	133 mm	LN443	591	2560	m	19		1.24
70896	12	133 mm	LN444	579	2410	ŧ			1.24
70896	12	133 mm	LN445	486	1600	m	15		1.39
70896	12	133 mm	LN446	551	1840	f	15		1.10
70896	12	89 mm	LN447	555	2140	f	14		1.25
70896	12	89 mm	LN448	480	1340	m	1-4		
70896	12	89 mm	LN449	461	1300	f			1.21
70896	12	89 mm	LN450	415					1.33
70896	12	89 mm	LN450		990	m			1.39
	12	114 mm	F14-40 I	382	860	m			1.54

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Conditio
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
070896	12	114 mm	LN453	514	1920	*	15		1.41
070896	12	114 mm	LN454	462	1140	4			1.16
070896	12	114 mm	LN455	468	1460	m	14		1.42
070896	12	114 mm	LN456	464	1370	m	16		1.37
080896	13	89 mm	LN457	364	600	Ť	7		1.24
080896	13	89 mm	LN458	352	620	m			1.42
080896	13	89 mm	LN459	423	1120	m			1.48
080896	13	89 mm	LN460	402	780	t			1.20
080896	13	89 mm	LN461	462	1420	m	15		1.44
080896	13	89 mm	LN462	484	1760	1			1.55
080896	13	89 mm	LN463	504	1950	m			1.52
080896	13	114 mm	LN464	496	1510	f			1.24
080896	13	114 mm	LN465	597	2890	1			1.36
080896	13	133 mm	LN466	512	1820	m	13		1.36
080896	13	133 mm	LN467	516	1970	1	14		1.43
080896	13	133 mm	LN468	459	1310	m	13		1.35
080896	13	133 mm	LN469	551	2230	1	14		1.33
080896	13	133 mm	LN470	615	2830	1			1.23
080896	13	133 mm	LN471	535	2140	†	14		1.40
090896	14	89 mm	LN472	617	3030	f	14		1.2
090896	14	89 mm	LN473	542	2150	ŧ			1.3
090896	14	89 mm	LN474	475	1410	f			1.3
090896	14	89 mm	LN475	398	710	f			1.1
090896	14	89 mm	LN476	484	1460	f	10		1.2
	14	89 mm	LN477	390	870	m			1.4
090896		114 mm	LN478	579	2660	f	16		1.3
090896	14		LN479	475	1560	f	12		1.4
090896	14	114 mm	LN480	424	1120	m	12		1.4
090896	14	114 mm		445	1130	1	10		1.2
090896	14	114 mm	LN481	395	1000	m	12		1.6
090896	14	114 mm	LN482	496	1890	t	14		1.5
090896	14	114 mm	LN483		1370	m	15		1.3
090896	14	114 mm	LN484	469	1390	m	11		1.4
090896	14	114 mm	LN485	459		f	11		1.3
090896	14	114 mm	LN486	462	1350	1	11		1.2
090896	14	114 mm	LN487	455	1150				1.3
090896	14	114 mm	LN488	495	1665	m t	12		1.2
090896	14	133 mm	LN489	496	1460				1.2
090896	14	133 n:m	LN490	490	1500	m	16		
090896	14	133 mm	LN491	516	1720	f	10		1.2
090896	14	133 mm	LN492	484	1470	t	10		1.3
090896	14	133 mm	LN493	491	1610	†	15		1.3
090896	14	133 mm	LN494	490	1700	f	12		1.4
140896	15	89 mm	LN495	470	1400	f	2.00		1.3
140896	15	89 mm	LN496	495	1490	m	17		1.3
140896	15	89 mm	LN497	488	1340	f			1.1
140896	15	89 mm	LN498	386	640 * .	m			1.
140896	15	89 mm	LN499	467	1240	m			1.3
140896	15	89 mm	LN500	350	560	m	8		1.3
140896	15	89 mm	LN501	430	990				1.3
140896	15	89 mm	LN502	333	480				1.3

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish	age (y)	Condition
ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
140896	15	89 mm	LN503	595	2250	f			1.07
140896	15	89 mm	LN504	490	1450	m	15		1.23
140896	15	89 mm	LN505	476	1360	f			1.26
140896	15	89 mm	LN506	417	920	m			1.27
140896	15	89 mm	LN507	448	1170	m			1.30
140896	15	89 mm	LN508	445	1000		8		1.13
140896	15	89 mm	LN509	404	840	m			1.27
140896	15	89 mm	LN510	460	1110	m	11		1.14
140896	15	89 mm	LN511	387	710	m			1.22
140896	15	89 mm	LN512	544	1820	f	11		1.13
140896	15	89 mm	LN513	527	1910	m			1.30
140896	15	89 mm	LN514	396	830	f			1.34
140896	15	89 mm	LN515	448	1000	f			1.11
140896	15	114 mm	LN516	505	1590	m			1.23
140896	15	114 mm	LN517	487	1400	m	11		1.21
140896	15	114 mm	LN518	475	1160	f	11		1.08
140896	15	114 mm	LN519	437	1070				1.28
140896	15	114 mm	LN520	534	2110	f	13		1.39
140896	15	114 mm	LN521	423	960	m			1.27
140896	15	114 mm	LN522	488	1580	f	11		1.36
140896	15	114 mm	LN523	500	1610	m			1.29
140896	15	114 mm	LN524	388	910	m	14		1.56
140896	15	114 mm	LN525	388	870				1.49
140896	15	114 mm	LN526	500	1580	f	10		1.26
140896	15	114 mm	LN527	494	1500	m	14		1.24
140896	15	114 mm	LN528	477	1400	m			1.29
140896	15	133 mm	LN529	527	2060	m			1.41
140896	15	133 mm	LN530	482	1550	m	12		1.38
140896	15	133 mm	LN531	514	1810	m	18		1.33
140896	15	133 mm	LN532	561	2010	f	12		1.14
140896	15	133 mm	LN533	528	2080	m			1.41
140896	15	133 mm	LN534	495	1430	f	11		1.18
140896	15	133 mm	LN535	602	2660	f	19		1.22
140896	15	133 mm	LN536	567	2250	f	14		1.23
150896	16	89 mm	LN537	360	690	m			1.48
150896	16	89 mm	LN538	363	580	m	6		1.21
150896	16	89 mm	LN539	366	600	f	•		1.22
150896	16	89 mm	LN540	436	1080	m	14		1.30
150896	16	89 mm	LN541	509	1700	f	,,,		1.29
150896	16	114 mm	LN542	490	1430	f	13		1.22
150896	16	114 mm	LN543	460	1390	m	13		1.43
150896	16	114 mm	LN544	488	1470	m	14		1.43
150896	16	114 mm	LN545	414	940	f	9		1.32
	16		LN545	455	1200	f	12		
150896		114 mm					12		1.27
150896	16	133 mm	LN547	462	1180	m			1.20
150896	16	133 mm	LN548	489	1470	f			1.26
160896	17	89 mm	LN549	355	510	f			1.14
160896	17	89 mm	LN550	418	840	f	8		1.15
160896	17	89 mm	LN551	358	560	m			1.22

Appendix 4. Continued.

Date	Site	Gillnet	Sample	Fork length	Round Weight	Sex	Fish age (y)		Condition
(ddmmyy)	#	Mesh	Number	(mm)	(g)		Fin	Otolith	Factor
160896	17	89 mm	LN553	420	890	f			1.20
160896	17	89 mm	LN554	408	780	m	10		1.15
160896	17	114 mm	LN555	481	1530	m			1.37
160896	17	114 mm	LN556	500	1690	m	16		1.35
160896	17	133 mm	LN557	450	1410	m	12		1.55
230896	19	89 mm	LN573	430	920	f	9		1.16
230896	19	89 mm	LN574	424	1020	m	9		1.34
ORTHERN	PIKE (Esc	ox lucius)							
250696	1	114 mm	NP001	687	2173	m	8		0.67
250696	1	114 mm	NP002	620	1909	m	7		0.80
260696	1	89 mm	NP003	506	1055	m			0.81
260696	1	89 mm	NP004	544	1055	m	6		0.66
260696	1	89 mm	NP005	555	1200	m			0.70
260696	1	89 mm	NP006	484	745	m	5		0.66
260696	1	89 mm	NP007	553	1155	m	7		0.68
260696	1	89 mm	NP008	595	1209	•			0.57
260696	1	89 mm	NP009	564	1400	m			0.78
260696	1	89 mm	NPO10	715	2755	m	10		0.75
260696	1	89 mm	NPO11	687	2473	m	9		0.76
260696	1	89 mm	NPO12	536	1191	m			0.77
260696	1	89 mm	NP013	586	1436	m	8		0.71
260696	1	89 mm	NPO14	500	909	m	7		0.73
260696	1	89 mm	NPO15	580	1682	m	12		0.86
260696	1	89 mm	NPO16	476	791	m	5		0.73
260696	1	89 mm	NPO17	480	609	m	5		0.55
260696	1	89 mm	NPO18	613	1864	m	7		0.81
260696	1	89 mm	NPO19	483	809	m	8		0.72
260696	1	89 mm	NPO20	541	1127	m	9		0.71
260696	a 1	89 mm	NP021	575	1273	m	8		0.67
260696	1	89 mm	NPO22	505	945	f	7		0.73
260696	1	89 mm	NPO23	608	1509		9		0.73
260696	1	89 mm	NPO24	611	1627	m	8		0.71
260696	,			552	1182				
	1	89 mm	NPO25	508	991	m	5		0.70
260696		89 mm	NPO26			m			0.76
260696	1	114 mm	NPO27	704	2527	f	9		0.72
260696	1	114 mm	NPO28	685	2327	m	8		0.72
260696	1	114 mm	NP029	627	1909	m	12		0.77
260696	1	114 mm	NP030	849	4655	m	13		0.76
260696	1	114 mm	NP031	684	2182	f	8		0.68
260696	1	114 mm	NPO32	679	2436	f	8		0.78
260696	1	114 mm	NP033	595	1509	m	9		0.72
260696	1	114 mm	NPO34	660	2455	m	15		0.85
260696	1	114 mm	NPO35	670	2036	m	10		0.68
270696	1	89 mm	NPO36	540	1110	m	8		0.70
270696	1	89 mm	NPO37	500	950	m	6		0.76
270696	1	89 mm	NP038	655	2500	m	11		0.89
270696	1	89 mm	NPO39	470	720	m	4		0.69
270696	1	89 mm	NPO40	602	1690	m	6		0.77

Appendix 4. Continued.

Date (ddmmyy)	Site #	Gillnet Mesh	Sample Number	Fork length (mm)	Round Weight (g)	Sex .	Fish age (y)		Condition
							Fin	Otolith	Factor
270696	1	89 mm	NP041	615	1690	m	7		0.73
270696	1	89 mm	NP042	560	1170	m	8		0.67
270696	1	89 mm	NP043	532	1090	m	7		0.72
270696	1	89 mm	NP044	532	1090		7		0.72
270696	1	89 mm	NP045	549	1100	m	8		0.66
270696	1	89 mm	NP046	492	880	m			0.74
270696	1	89 mm	NP047	584	1270	m			0.64
270696	1	89 mm	NP048	510	940	m			0.71
270696	1	89 mm	NP049	557	1180	m			0.68
270696	1	89 mm	NP050	575	1200	f	6		0.63
270696	1	114 mm	NP051	646	1800	m	9		0.67
270696	1	114 mm	NP052	751	2920	m	8		0.69
270696	1	114 mm	NP053	662	2070	m	11		0.71
280696	1	89 mm	NP054	565	1320	m	6		0.73
280696	1	89 mm	NP055	517	980	f			0.71
280696	1	89 mm	NP056	632	1580	m	6		0.63
280696	1	89 mm	NP057	629	1950	m	8		0.78
280696	1	89 mm	NP058	535	1220	m	8		0.80
280696	1	89 mm	NP059	623	2130	m	7		0.88
280696	1	133 mm	NPOSO	643	2110	m	8		0.79
040796	2	133 mm	NP061	748	3280		12		0.78
050796	3	114 mm	NP062	698	2270		9		0.67
160796	8	89 mm	NP063	606	1530		8		0.69
160796	8	114 mm	NP064	589	1520		8		0.74
150896	16	89 mm	NP065	509	970				0.74
150896	16	89 mm	NP066	610	1820		10		0.80
150896	16	114 mm	NP067	705	2750		8		0.78
150896	16	114 mm	NP068	644	1930	f	9		0.72
150896	16	133 mm	NPO69	739	3510		•		0.72
160896	17	89 mm	NP070	633	1970	f	9		0.78
160896	17	89 mm	NP071	491	880	m	7		0.74
160896	17	89 mm	NP072	550	1350		,		0.74
	17			574	1300	m	7		
160896		89 mm	NP073			f			0.69
160896	17	89 mm	NP074	601	1700	f	8		0.78
160896	17	89 mm	NP075	578	1410	,	8		0.73
160896	17	114 mm	NP076	591	1460				0.71
160896	17	114 mm	NP077	710	2380	f	6		0.66
160896	17	133 mm	NP078	637	1750		11		0.68
230896	19	89 mm	NP086	505	835	·	6		0.65
230896	19	89 mm	NP087	545	2080	f	5		1.28
230896	19	89 mm	NP088	552	1310	f	4		0.78
230896	19	89 mm	NPO89	657	2230	f	10		0.79
ALLEYE (§	tizostedi	on <u>vitreum</u>)							
260696	1	89 mm	YW001	399	609	m			0.96
270696	1	114 mm	YW002	448	1050	f			1.17
150896	16	89 mm	YW003	423	830				1.10
150896	16	89 mm	YW004	411	870				1.25
150896	16	89 mm	YW005	356	550				1.22

Appendix 4. Continued.

Date (ddmmyy)	Site #	Gillnet Mesh	Sample Number	Fork length (mm)	Round Weight (g)	Sex	Fish age (y)		Condition
							Fin	Otolith	Factor
150896	16	89 mm	YW006	328	500				1.42
160896	17	89 mm	YW007	354	500				1.13
230896	19	89 mm	800WY	373	550	m			1.06
230896	19	89 mm	YW009	411	890	m			1.28
230896	19	89 mm	YW010	395	730				1.18
230896	19	89 mm	YW011	383	640				1.14
230896	19	89 mm	YW012	469	1250				1.21
230896	19	89 mm	YW013	377	660				1.23
230896	19	89 mm	YW014	415	730				1.02